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SESSION 1941

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1942

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REPORT

OF THE

Minister of Public Works

FOR THE

PROVINCE OF ONTARIO

FOR THE

TWELVE MONTHS ENDING MARCH 31st, 1940

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 8 – 1941

ONTARIO

TORONTO
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1941

To:

The Honourable Albert Matthews,
Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

As required by law, I submit for the information of Your Honour and the Legislative Assembly, the Annual Report of the works under the control of the Public Works Department, comprising the reports of the Deputy Minister, the Architect, Engineer, Secretary and Accountant, for the twelve months ending the 31st of March, 1940.

Respectfully submitted,

F. R. Oliver,
Minister of Public Works.

Department of Public Works, Ontario,
Toronto, March 10, 1941.

REPORT

OF THE

Deputy Minister of Public Works

The Honourable Farquhar R. Oliver, M.P.P.,
Minister of Public Works,
Parliament Buildings,
Toronto, Ontario.

Sir :

I have the honour to submit to you the accompanying reports of the Architect, Engineer, Secretary and Purchasing Agent and of the Accountant, for the financial year April 1, 1939 to March 31, 1940.

Architect's Branch

The outstanding event during the year was the visit of Their Majesties, King George the Sixth and Queen Elizabeth, on May 22. Their itinerary included a reception in the Legislative Chamber, the Honourable the Prime Minister presenting an address of welcome and loyalty on behalf of the Government, Members of the Legislature and the citizens of the Province. The problem of accommodation in the Chamber was a difficult one, but I am pleased to report that the arrangements as planned and carried out for the reception and accommodation of guests were very favourably commented upon by many of those present. The Legislaive Chamber was renovated and the Lieutenant-Governor's Suite prepared for use by Their Majesties for rest and the reception of guests.

A decorative scheme for the buildings and grounds utilizing heraldic emblems, flags of the Empire, festoons and bunting, arranged to converge upon the central dais at the entrance to the buildings, was planned and executed under the direction of the Architect.

The historical interest of the Chamber has been increased by the inclusion of a Speaker's chair previously used during the Sessions from 1874 to 1880 by the late Honourable Rupert M. Wells, the acquisition of the chair is fully dealt with in the Architect's report.

A considerable amount of repairs and alterations were caried out to the Educational, Agricultural and District Buildings.

After the declaration of war, such new buildings under construction at the Ontario Hospital, St. Thomas, were hastened to completion and the Hospital leased to the Department of National Defense. Re-arangement of patients' accommodation at other institutions was necessary to house patients from the St. Thomas Hospital and the Gaol Farm at Langstaff owned by the City of Toronto was leased and the Concord Farm under lease from the City of Toronto for a period of three years which expired on February 28, 1940, was extended for the duration of the war.

The demands for accommodation for Dominion Government offices in the City of Ottawa were facilitated by leasing the Normal School to the Dominion Department of Public Works for the period of the war.

A Community Hall was constructed at Rondeau Park to provide facilities for tourists and summer residents at that attractive summer resort and at the Agricultural School, Kemptville, the erection of a new Dairy School Building was necessary to provide additional facilities for instructional purposes. This building is not yet completed.

The work remaining to be done to complete the new fish hatcheries at Sandfield, Manitoulin Island, Chatsworth, Owen Sound, Deer Lake, Peterborough County and Skeleton Lake, Muskoka District, was carried out and work continued at the new fish hatchery at Hill's Lake, near Charlton, Temiskaming district, but owing to weather conditions this hatchery could not be completed during this year.

Various other works were carried out, including the construction of a steel and concrete runway for the Forestry Air Base at Sault Ste. Marie, alterations to the old Dairy Building at Kingston, to accommodate laboratories for the Health Department and other Department officials, camp buildings for the Athletic Commission Camp at Lake Couchiching and collaboration with other departments of the Government, in connection with building problems in administering acts under their control for the erection of public buildings.

Mr. George White, Provincial Architect, retired at the end of the year and was succeeded by Mr. George N. Williams, Assistant Architect.

During the many years of faithful service rendered by Mr. White, a large number of Public Buildings have been erected under his direction and many of these are of outstanding architectural interest, such as the Administration and Students' Residence Buildings and the Horticultural Building, Ontario Agricultural College, Guelph; the modern fireproof Custodial Buildings, at the Industrial Farm, Burwash, and the new Cell Block Wing, Ontario Reformatory Guelph, and hospital units in many parts of the province.

The Department is indebted to Mr. White for his careful consideration of all matters pertaining to public expenditures.

ENGINEER'S BRANCH

The maintenance and new construction of locks and dams is given in detail in the Engineer's report, the cost of some of the larger projects being as follows:

Magnetawan Lock Gates	Rebuilding timber gates	$4,455.30
Baptiste Lake Dam	Repair dam, replace stop-logs	1,462.62
Rama Canal Dam	Retimber dam and construct road	711.82
Port Carling Dam	Repairing dam	2,877.19
Huntsville Lock Gates	Repairing lock gates	488.25
Port Carling Docks	Renewing timber	1,545.26
Blind River Dam	Building new concrete dam	7,917.29
Ragged Lake Dam	Building concrete dam	8,243.27
Stoney Lake Dam	Building timber dam	1,462.62
Abrams Rapids Dock	Renewing piers	1,450.00

Assistance for drainage purposes was given to eleven municipalities, also a grant to the Village of Overbrook in Russell County, towards construction of the Hurdman Drain and 20% of the cost of the Boyle Drain, Dover Township, Kent County, in accordance with the Provincial Aid to Drainage Act.

The Grand River Conservation Commission proceeded with the construction of the Shand Dam which is being constructed on the Grand River about four miles North East of Fergus, to conserve and regulate the flow of water in the River. The work is not completed and will be continued in the next financial year.

The province agreed with the Dominion Government to contribute 50% of the cost of dredging a part of the Nation River, south of the Village of Plantagenet. Flood waters were held back by rock bars and considerable damage was done every spring to surrounding properties and some of the farmers had to vacate their farms during the Spring floods. The work was undertaken in 1938 and completed in 1939, consisting of a channel 80 feet wide, 4 to 5 feet deep and approximately 4,000 feet long, cut through the rock to relieve flooding. The work was carried out under the direction of the Dominion Department of Public Works and the Province's contribution was as follows:

Fiscal Year	Amount
1938-39	$16,157.88
1939-40	41,829.52
	$57,987.40

Office of the Secretary

Twelve contracts were awarded, all in connection with new construction.

Office of the Accountant

Revenue received totalled $185,415.37, which amount included lump sum payments by the Dominion Government to the Province to cover expenses incurred or to be incurred, in connection with the leasing of the Ontario Hospital, St. Thomas, in the amount of $125,000., and of the Normal School, Ottawa, $17,000; also, the sale of the following properties:

H. C. Hyde—Property part N. half Lot 12, Con. 2, Walker Twp., Monteith	$ 150.00
Corporation of The Township of Scarborough, property Alexandra Industrial School–final payment	3,816.41
Roman Catholic Bishop of The Diocese of Sault Ste. Marie—Wiley property, Port Arthur	6,100.00
Department of Highways—exchange and transfer of land, Ontario Hospital grounds, Whitby	1,183.75
	$11,250.16

The expenditures are summarized as follows:

Main Office	$ 92,639.16
Maintenance and Repairs	750,497.80
TOTAL ORDINARY	$843,136.96
CAPITAL	
Public Buildings and Public Works	$2,610,380.33
TOTAL NET EXPENDITURES	$3,453,517.29

I have the honor to be, Sir,

Your obedient servant,

R. A. McAllister,
Deputy Minister of Public Works.

Toronto, March 10, 1941.

REPORT OF THE ARCHITECT

The Honourable Farquhar R. Oliver,
Minister of Public Works.

Sir,—

I have the honour to report on the work done by the Architect's Branch of the Department of Public Works, Ontario, during the fiscal year April 1st, 1939 to March 31st, 1940, as follows,—

Re Parliament Buildings; Decorations for the Visit of Their Majesties the King and Queen:

Their Majesties, the King and Queen, visited the Parliament Buildings on May 22nd. The buildings and grounds were decorated for their reception. In front of the main entrance, a reception dais was erected protected by a circular projecting canopy supported on heavy columns covered in royal blue cloth, with moulded, painted and gilded caps and slender royal red steel columns, carrying a roof with a cornice ornamented in royal blue, red and gold with a deep fringe in gold; the underside was lined in shirred soft sand coloured satin faced cloth. The floor and steps leading from the canopied dais through the main hall to the grand staircase were carpeted in royal red. On the balcony over the dais the royal coat of arms was displayed in heraldic colourings with the figures of the three lions for England, the tressured lion rampant for Scotland and the golden harp with silver strings for Ireland, in low relief. The royal arms were flanked by shields with the arms of St. George and St. Andrew in colour with swags of laurel connecting the same. On the building 30 foot Union Jacks were hung and from the tower flanking the centre and from the main cornice were set out flags to hang vertically, of England with the Cross of St. George; Scotland with the Cross of St. Andrew and Ireland with the Cross of St. Patrick.

The decorations of the grounds of Queen's Park were planned to give emphasis to the central canopied dais at the Buildings, where Their Majesties were received by the Honourable the Prime Minister. A line of masts, approximately 50 feet apart, with extended arms on both sides of the centre walk were erected carrying banners in red and blue and white alternating and fringed with gold and bearing the royal monogram and the crest of the Province. These extended from the north line of College Street, to the south side of the driveway in front of the buildings and were terminated by pylons, 30 feet high at the line of Sir John A. Macdonald's Monument, at the south end and similar pylons at the north end. These terminal pylons were finished in a cream colour and were surmounted either by a lion supporting a shield with a St. George's Cross, or by a Unicorn, supporting a shield with a St. Andrew's Cross and were further decorated by shields at the base, with the royal arms surmounted by a Crown, all in colour and gilt. Arms extending in four directions near the top of these pylons carried similar banners to those on the masts already described.

A similar arrangement of pylons and masts with banners, all as already described was erected from Bloor Street south to the 48th Highlander's Monument and along King's College Road similar masts were erected on both sides of the street. Rope swags of waxed paper were festooned from Hydro pole to Hydro pole around the east and west Crescents and along the Parkways. Union Jacks only were displayed on the East Block.

A new steel flag pole 130 feet high was erected in front of the Buildings to replace the old wooden mast which was found to be dangerously decayed.

Opposite the outside entrance to the Lieutenant Governor's suite, a steel mast was erected for the flag of the Lieutenant Governor.

The Legislative Chamber was recarpeted with royal red carpet. Red damask hangings with deep draped valances and deep fringes and tassels of gold were furnished at the three rear arched recesses and over the three south windows and plain velour drapes with valances and deep fringes and tassels of gold were installed in the gallery arches. New velour draperies were furnished at the vestibule entrance doors of the Chamber and the gallery windows.

The new chair made for the new Speaker, Honourable James H. Clark and the chair used by the ex-Speaker, Honourable Norman O. Hipel, being re-upholstered in blue silk damask, were used by their Majesties on the dais in the Chamber. Temporary staging was erected to give increased seating accommodation raising the total seating capacity to 1,103 for the occasion. The Members' desks in the Legislative Chamber were overhauled and refinished on top with new red inserts and new ink wells.

Preparations were made in the Lieutenant Governor's suite for their Majesties and rest rooms were set aside and suitably furnished with period furniture and oriental rugs and hangings. An awning was purchased to be erected when required over the approach to the west entrance. An etched panel with the crest of the Province was put in the west entrance doors. Deflectors were supplied and installed in the Lieutenant Governor's office and several pieces of furniture were re-upholstered.

Re Maintenance of Parliament Buildings and extensions generally:

The Buildings, including the Parliament Buildings, East Block, Numbers 11 15 and 39 Queen's Park, Highway's and Provincial Police Garages, 112 College Street, Liquor Control Board offices at 454 University Avenue, the Labour Bureau at 70 Lombard Street and the Sewage Laboratory at 807 Richmond Street West have been kept in good repair.

At the beginning of March 1939, there was sent from Vancouver a chair which was one of the very early Speaker's chairs. This chair, presented to the Province by the representatives of the late Honourable Rupert M. Wells, who was member for Bruce South and Speaker of the Ontario Legislature from 1874 to 1880, was designed and manufactured by Messrs. Hay and Company, who were successors to Messrs. Jacques and Hay of Toronto. So far as can be ascertained this chair appears to be the second Speaker's chair supplied to the Legislature; the first having been supplied at the time of Confederation when the House opened on the 27th of December 1867. The chair has been restored, re-upholstered and has been placed on the throne of the Legislative Chamber and again used as the Speaker's chair. The first Speaker to use it after re-conditioning, as aforesaid, was the present Speaker, the Honourable James H. Clark, Member for Windsor, Sandwich. Because of its historic value and interest, this chair is likely to be regarded as a permanent fixture for all successive Speakers.

The Council Chamber and the ante room adjoining, have been completely redecorated and all unsightly and exposed piping has been boxed in. The wood panelling was cleaned to the white and finished natural colour. New panelling was supplied when required and new bookcases and radiator screens have been made to work in with the panelling. Reconditioned draperies for windows and venetian blinds have been installed and new red carpets have been laid.

The original gas and electric fixtures lighting the Legislative Chamber have been remodelled and modernized and the lighting of the Chamber thereby improved. The seats in the east and west galleries were re-upholstered. Electric fixtures from the cafeteria were remodelled and modernized and put up in the Council Chamber. One of the original fixtures, formerly in the Government Members' Smoking room, was remodelled and modernized and hung in the music, or reception room of the Lieutenant Governor's suite. These old original fixtures are of fine hand wrought brass, and have been, in this way, carefully preserved.

Two drinking fountains were installed. The two men's lavatories in the north wing have been remodelled with new lavatory basins taken from the centre of the rooms and re-arranged along the walls. A new sink was installed in the Speaker's apartment. The cafeteria serving counter has been remodelled for the serving of cold lunches only; pantry roms in cafeteria have been thorouhly overhauled and redecorated.

Considerable plaster repairs throughout have been made. New screen partitions have been put up in room 417 in the north wing. A photograph room and workroom have been fitted up for the Department of Highways in the basement space used formerly for a kitchen store and offices. An air conditioning cabinet was supplied and connected up in the Attorney General's room. Awnings and venetian blinds have been repainted, replaced and renewed as required and all upholstery kept in thorough repair by the maintenance staff. Chair covers were made for furniture in the Lieutenant Governor's suite. Elevators have been overhauled and repairs carried out as required.

The fire escape in the east court has been overhauled, the rust eaten members replaced and the whole repainted.

The outside window areas in the north wing, east court, were rebuilt and raised above grade; snow guards were put on roof at west courtyard and some 14 squares of slates were renewed and valleys and gutters renewed in copper where required.

East Block:

In the East Block. new screen partitions have been erected in the Labour Department and the Highway's Department and new special type electric fixtures have been supplied in the Highway's Drafting room; additional dictographs have been installed in the Department of Welfare and throughout the building the Holland blinds have been renewed as required.

The cafeteria has been completely redecorated throughout, under contract and the old floor taken up and relaid with mastic tile. The service counter has been repaired and partially remodelled; curtains have been dyed and all tables have been remodelled and supplied with linoleum covered tops.

An additional vault door was supplied and installed in the vault off the library in the Department of Mines.

The furniture of the Honourable the Minister of Highways has been re-upholstered by the mechanic's staff. The printing room for the Department of Highways, in the basement, was remodelled. Complete portable laboratory benches, properly equipped, were made for the Department of Health, for use as required in emergency cases.

No. 1 steam boiler was fitted with new clinker chills. Repairs have been made to outside weigh scales.

At No. 11 Queen's Park, improvements to offices for Associated Medical Services were made. The felt, tar and gravel flat roofs were relaid and toilet accommodation improved and added. Offices were fitted up for the Department of Highways, including new partition and painting. The Provincial Police were accommodated in the main garage and the Police Garage was fitted up for offices to accommodate the Provincial Police on the top floor and sign paint shop for the Department of Highways on the ground floor.

At No. 39 Queen's Park, flashings, gutters and downpipes were renewed.

At No. 807 Richmond Street West, the Experimental Station for the Department of Health, repairs were made to the outside sheeting of walls. The gas heated steam boiler for the heating of this building was disconnected and removed and individual gas fired unit heaters were installed to heat the building.

At No. 70 Lombard Street, two propeller type fans were installed in monitors to increase ventilation.

At 454 University Avenue, plaster repairs were made to the Ontario Savings Office, which was also entirely repainted. The main cornice was repaired. Fanlights were repaired.

Osgoode Hall:

Alterations were made to convert the large east vault in the main first floor hall into a contractors' Liens Court Room. New floors were laid in linoleum; walls and ceilings painted and electric wiring and lighting was overhauled. Vault doors were removed and replaced by hardwood doors to match existing ones. The room was completely furnished with used furniture.

Repairs were made to plumbing pipes and to plaster work in halls.

The side walls and ceilings of the first floor of the rotunda were washed down and repainted and the connecting wide corridor to the north was washed down and the walls and ceiling painted; the stonework of decorative columns and dadoes was also cleaned down.

Permission was granted to the Law Society to occupy the second floor south west corner and the third floor immediately over, for the temporary extension of storage space for the Law Library and to place a partition across at head of south west stair with an access door for watchman only. The flat roofs over the central and staircase halls were relaid under contract.

EDUCATIONAL BUILDINGS

Normal and Model Schools, Toronto:

The Superintendent's residence on the grounds has been painted and papered. Brickwork repairs have been made to boilers; linoleum has been laid on floors in the kindergarden room and individual rugs supplied for pupils. Repairs have been made to slate roofs and to flashings and troughs. Repairs have been made to iron enclosing fences and new gates have been supplied and installed, where necessary.

Plumbing and electric work has been installed for domestic science equipment, which was to be rebuilt by the Department of Education from old equipment.

Normal and Model School, Ottawa:

Improvements were made to the Assembly Hall by renewing the gallery and moving the platforms to the north side of the room. Plaster repairs were made and the hall redecorated. The library, sewing room, teachers' room and portions of halls and corridors were painted. Repairs were made to the plumbing, the wiring and the roofing. New steel flag pole to replace the old one, was erected.

Plans were prepared and alterations had been started to provide additional lavatory accommodation for men, but the work was stopped at the commencement of the negotiations to transfer the use of the school building to the Dominion Government.

In October negotiations were completed for the use and occupation of the building by the Dominion Government as an extension of their offices and arrangements were concluded with the City of Ottawa Education Authorities to occupy Elgin Street Public School for Norman School purposes and the model school pupils were transferred to other public schools in the City of Ottawa. Equipment and funishings required for the Elgin Street School were transferred from the Normal School and furnishings not so required were stored temporarily in the roof spaces of the Normal School. Terms of lease and other arrangements in connection with this matter are on file in the vault of the Secretary of this Department.

London Normal School:

New birch floors were laid on the first floor halls, corridors and classrooms to replace the badly worn fir floors; changes were carried out to improve the three last steps of stairs by making the treads conform with the steps. The treads of the three stairs from first to second floors were sanded and refinished. The walls and ceilings of halls of the first and second floors; the Principal's, Secretary's and Teachers' offices, the art room, library, one class room and the lavatories and four cloak rooms were washed and painted and all woodwork in these rooms washed and varnished. Repairs of a minor nature were also made.

Hamilton Normal School:

Considerable alterations were made to the main roof. Parapets were lowered and all galvanized iron work of balustrades, coping and main cornice were removed and cornice, copings and flashings replaced by copper. The roof slopes were altered to drain to new down pipes of cast iron, taken down inside the building and connected to drains in basement and a new built up felt, tar and gravel roof was applied. In five class rooms and the assembly room, walls and ceilings have been washed and repainted and woodwork in these rooms washed and varnished. Repairs were made to plumbing; tile work on walls of lavatories was repaired and minor repairs to boilers were made to the brickwork of the arches. Several new tubes have been supplied.

North Bay Normal School:

Twenty artificial stone sills, which were in bad repair, were replaced by natural stone. Six class rooms and Principal's and Secretary's offices were redecorated; eight class room floors were sanded and finished. Walls and ceilings at boys' entrances were painted. Battleship linoleum has been laid on the floors of the Secretary's and Principal's offices and lavatory adjoining. Old faucets were replaced in the girls' lavatory and slop sink was removed to a new position in the cloak room. Repairs of a minor nature were made to roofing of south porch.

Peterborough Normal School:

Part of the floor in basement corridor was removed, new joists put in and new flooring laid. Stonework has been repointed and concrete steps have been replaced where necessary. Brick parapets have been repaired and rebuilt as required and recovered with galvanized iron and reflashed. Skylight over art room has been overhauled and repaired. Repairs have been made to side walls. High flush tanks to eight toilets have been changed to low down tanks in girls' lavatories. Three class rooms and the chemistry room have been painted and floors in first floor halls and corridors have been sanded and refinished. Exterior iron covering of dome has been painted.

Ontario School for Deaf, Belleville:

Walls and ceiling of kitchen, scullery, two store rooms and staff dining room were painted. Five staff residences were papered and painted inside and one painted outside. The Superintendent's residence has been painted externally. Walls and ceilings in the girls' dormitory building have been painted. A new basin has been installed in the dental room in the hospital building and dental equipment has been connected up. The plumbing in the girls' dormitory building has been overhauled and repaired. Repairs have been made to roofs of main building, staff residences, girls' dormitory, Engineer's house, sewage pump house and Bursar's house. Repairs have been made to boiler brickwork and boiler house chimney and boiler tubes and dead plates have been renewed. Improvements have been made to pole line to staff residences for electric power and new cable was supplied on this line for private telephone service. Drainage to roads at Superintendent's residence has been improved.

Ontario School for Blind, Brantford:

Several rooms in the Superintendent's, Bursar's and Caretaker's residences were repapered and woodwork in these rooms painted. In the girl's dormitory building a new water heater and storage tank was supplied and installed. A new steel flag pole 40 feet high has been erected in front of the main building. Repairs have been made to felt and gravel roof over kitchen and a new ventilator has been put in at boilers.

Ontario Training School for Technical Teachers, Hamilton:

Painting work has been done in five class rooms and in lavatories; woodwork in these rooms was washed down and revarnished. The door locks throughout have been overhauled and repaired. Minor repairs were made to plumbing and heating systems and to roofs.

AGRICULTURAL BUILDINGS

Ontario Agricultural College, Guelph:

A contract was awarded for the grading and surfacing the roadways around the campus with asphaltic compound and the work has been completed. The elevated water tank has been cleaned out and the tank and supporting tower house painted.

Repairs have been made to stone work on Administration and Students' Residence Building, Dairy Building, Trent Institute and Dining Hall Building. The foundation walls of the Chemistry Building and Mills Hall were waterproofed by the laying of weeping tile and cementing and waterproofing the face of the walls with asphaltic compound. Repairs were made to roofs of Macdonald Hall; a contract was awarded for special indirect electric fixtures in the assembly room of Macdonald Hall. A new asphaltic shingle roof was put on the animal Building with all new flashings and gutters. The walls and ceilings of the Main Dining Hall (Creelman Hall) were painted and woodwork revarnished. Linoleum treads were laid on the stairs and new window shades were supplied and installed throughout. The plaster ceilings in the basement under the Main Dining Hall was removed and replastered on metal lath; bridging of the joists being first renailed where required and new plates added to steel beams. Repairs were made to the freight elevator. The first floor auditorium and library in the Massey Library, including staircase and offices were painted and woodwork varnished. All of the painting work was done under contract.

Plaster repairs were done in the Maids' Dormitory Building, Physics, Chemistry and Dairy Buildings. Other repairs in the Dairy Building were made to terrazzo floors. The replacing of cork in butter storage rooms and to coils in cold storage was carried out. A new gas main was installed for the gas supply to the Nutrition Laboratory and improvements were made to the ventilation of this building.

In the Memorial Hall, organ screens were put in for the new organ installed by the student body.

Ontario Veterinary College, Guelph:

In the Students' common room a new birch floor was laid and finished and varnished. New seating was installed in laboratory. An extension of a temporary type was made to the morgue at the back of the building.

Agricultural School, Kemptville:

Plans were prepared and contracts have been awarded for the erection of a new dairy building. The old accommodation for the work of a dairy school in the south end of the main building was found to be inadequate. The new building is of two storeys and basement in height, with walls of brick on a concrete foundation and with a flat roof and accommodates in the basement common rooms and locker rooms with lavatories adjoining for male and female students; mechanical room with high pressure boiler for steam to vats and with refrigerating apparatus and general storage rooms. On the first floor are butter and cheese making rooms, separator room, cheese and butter refrigerated storage rooms and instructor's offices. The floors of the workroom are finished in machine trowelled and hardened cement floor and walls are cement finish on furring tile. On the second floor, there are general rooms, an assembly hall to seat 140, a lecture room to seat 48, an instructor's laboratory and milk testing laboratory and an office and laboratory stores. The building was laid out to be heated from the central heating plant in the main building. Contract for the general trades was awarded to the Holmes Construction Company of Kemptville; for heating and plumbing to Purdy Mansell Limited, Toronto and for electric work to the Windeler Electric Company of Toronto.

A contract was awarded to the Ottawa Boiler and Steel Works for the supply and installation of two welded steel heating boilers and to the Livingston Stoker Company to supply and install two Livingston Underfeed Stokers. The existing vertical high pressure boiler was retubed by the Campbell Steel and Iron Works of Ottawa, for use in the new dairy building. Improvements were made to the lighting of the entrance to the grounds at the north entrance and two additional lighting standards were installed. Repairs were made to the roof of the Stock Judging Pavilion, Students' residence and Main Building and the Herdsman's cottage and piggery were re-roofed. General repairs were made to platform scales and to the Engineering Building.

Western Experimental Station, Ridgetown:

The farm greenhouse was thoroughly overhauled and repaired and painted under contract. Painting and papering of walls in Superintendent's residence was done and awnings renewed there. Repairs of a minor nature only were done at the school.

Horticultural Experimental Station, Vineland Station:

A new steel wire fence was supplied by this Department and erected by the Department of Highways along the altered boundary of this property caused by the cutting through of the new Queen Elizabeth Way. Other boundaries on the east property were also fenced in at the same time. Repairs of a minor nature only were made to the buildings, including repairs to boiler house chimney and glass for greenhouses to replace breakages and repairs to roofs of administration building, dormitory building and cottages.

Demonstration Farm, New Liskeard:

Repairs of a minor nature to roofs and eaves troughing only were made and some fly screening done for office.

DISTRICT BUILDINGS

Algoma:

General repairs were made to the District Buildings at Sault Ste. Marie, including the Court House, old Registry Office (now used by the Red Cross), and the Gaol. Extensive repairs were made to the plaster work of the Court House and the interior was painted under contract. Repairs were made and new hinges put on eight doors and screens and shelving was erected for additional library accommodation. Ten rooms on the second floor, six rooms on the third floor and two rooms in the basement were painted under contract.

At the Gaol, the drainage of grounds was studied and plans were prepared and the necessary tile ordered ; the labour to be done by the inmates. Repairs were made to metal divisions to cells. Repairs were also made to the plumbing and new toilet fixtures were supplied to repair damaged fixtures. Repairs were also made to plumbing piping. Paint was supplied for painting inside of the building, the work to be done by the inmates.

Manitoulin (Gore Bay):

General repairs were made to all buildings, including Court House, Gaol, and Registry Office. In Jailer's residence, four rooms and hall were painted. Interior of Gaol fence was painted.

In the Registry Office, the walls, ceilings and woodwork were washed and walls and ceiling painted and counter at rear grained and desk re-varnished.

Floors of the Court House corridors, Sheriff's office, Library, School Inspector's office, Crown Attorney's office and Court Room were covered with triple A linoleum.

Roof of the Court House was re-shingled with cedar shingles with new flashings and valleys.

New plaster cast of Coat of Arms was supplied and installed with bracket above the Judge's chair.

Cochrane:

The Judges' Chambers were painted; new reflector lamps were supplied throughout the Registry Office for the improvement of the lighting there. The floors were relaid in Battleship linoleum. Repairs were made to the roof and the roof re-coated; storm sash were supplied to the triple windows in the front of the buildings and windows throughout were reputtied where necessary. A new power lawn mower was supplied. The woodwork and galvanised iron work on the exterior of the Court House was painted.

At the Hearst Gaol, repairs were made to the Delco system and 16 new cells were supplied.

At the Govenment building at Matheson the exterior was painted.

Kenora:

At the Court House, new library bookcases were supplied and installed and a new oak screen partition placed across the library. The floors on the second floor corridor were sanded and recovered with linoleum and the walls painted. Painting was also done in several rooms in the Court House including the Judges' Chambers, Barristers' room, Judges' retiring room, Library and Magistrate's office New electric fixtures were supplied in the Sheriff's, Magistrate's and Judges' offices. New eaves troughs were supplied to the Gaoler's house and paint was supplied to the Gaol to be applied by inmate labour. Repairs were made to the pump motors. Seeds and plants were supplied for the upkeep of the Court House and Gaol grounds.

Muskoka:

Sketch plans were prepared for a proposed new district Gaol, but no further work was done in connection with this matter.

Nipissing:

The Court House ceilings have been acoustically treated and the Court Room painted. Interior painting has been done in the Judges' Chambers and the roof space over has been insulated. Other minor repairs have been done at the Court House and Judges' Chambers and Registry Office.

At the Registry Office, the roof has been re-shingled and the roof over the verandah to the Health Clinic has also been re-shingled.

At the Gaol, paint has been supplied for application by inmate labour and repairs have been made to the chimneys and pointing up of steps. New lawn mower was supplied and repairs made to the jacket heater. In the cells, tables were provided with swivel seats, manufactured by the Ontario Reformatory Industries. Repairs were made to the brickwork of the boilers.

Parry Sound:

Plans and specifications were prepared for remodelling of the Gaol, particularly with a view to making it fireproof. The work was proceeded with by day labour and the east corner only was done and has been completed and occupied.

The rear portion of the Registry Office was shingled and the interior painted under contract. Painting was done to the interior of the Court House, including the Judges' retiring room, Barristers' room and lavatories, Jury room, Barristers' consulting room and Childrens' Aid section. The floors in the five rooms and hall on the second floor of the Court House and the living room and hallways in the Gaoler's residence were sanded, waxed and varnished and, in the Registry office, the existing linoleum was varnished and waxed.

At Burks Falls, a new toilet and slop sink were installed at the Lock-up and a coal bin was built in the basement and door put in the basement to cut off this building from the firehall.

Rainy River:

The Court House at Fort Frances was re-shingled with asbestos slates under contract and the flat roofs were re-laid and several minor repairs were made.

Sudbury:

Alterations were continued at the Court House and an apartment was provided by altering the attic space for the caretaker and the apartment formerly used by him in the basement, was reconstructed and converted into a Magistrate's court room with private room adjoining. This arrangement gives a separate outside entrance to the Magistrate's court and overcomes the objections met with in the crowding up of the Court House corridor by the public attending the Magistrate's Court. Several other minor alterations were made and linoleum was provided and laid on the main stairs of the Court House and corridors and the Sheriff's office and in the court room and Registry Office.

Temiskaming:

The painting of the interior of the Court House was done by day labour. Repairs were made to the roofs and to the pointing of stone and brickwork at the District Gaol. Paint was supplied to be applied by inmate labour. The Gaol yards were laid with crushed stone and in the cells combination tables and chairs were provided, manufactured by the Ontario Reformatory Industries. Repairs were made to the roofs generally and the main roof of the Court House was re-coated with asphalt, including the upper exposed parts of galvanized iron copings and cornices.

Thunder Bay:

Repairs were made throughout to plaster work and a contract was let for painting of the various rooms and offices, including the Sheriff's office, Registrar's office, Witness and Barristers' rooms, Provincial Police office, Jury rooms, lavatories and a public corridor and stairways. Some 74 new window shades have been supplied.

At the Registry Office at Fort William, a new domestic hot water tank was supplied and installed.

At the District Gaol, Port Arthur, some of the locks have been repaired and a new cooking range was supplied and installed. Minor repairs were made to the plumbing.

ONTARIO HOSPITALS

Brockville:

Extensive repairs were made to the wooden verandahs of cottages A and B and 1 and 2.

A fire escape was erected on the patients' building at the Stag Farm, where all the work was carried out by day labour.

Cobourg:

Minor repairs were made to the roofs, including the eaves trough and conductors.

Fort William:

A new roof was put on the Main Building, work having been done by contract and repairs were made to the plaster work caused by roof leaks before the roof was relaid. Repairs were made to the water supply pump and an altitude gauge was supplied for installation in the pump house.

Hamilton:

Roofing repairs were made at the Amusement Hall, Nurses' Residence, Reservoir, East House and Superintendent's residence.

A new tumbler dryer was supplied and installed.

Kingston:

The filter house at the Sewage Disposal Plant was in a dilapidated condition; stone walls were taken down and rebuilt and the building reroofed with new material. In the engine room a new domestic hot water tank was supplied and installed. The heating tunnel was extended to the south west corner of the stores building in order that the steam piping, which formerly passed through the building, could be re-routed to prevent over heating. The wooden steps on the west side of the Main building leading from the Assembly Hall and Ward 9 were replaced by concrete steps to complete a fire exit staircase for this part of the building.

Plans were prepared for a new milk pasteurizing room and the work was to be carried out by the mechanics of the hospital. Necessary alterations have been carried out, following a fire in the toilet off the kitchen, and a new toilet of fireproof construction has been installed.

London:

Repairs were made to the roofs of the Main Building, Barn and the Piggery. Wooden fire escapes were erected on the attendants' dormitory and farm cottage and these buildings are now used for the housing of patients. A fire escape was also installed on the carpenter shop and a plaster ceiling installed where required over the ground floor section of the building, to provide for additional temporary quarters for patients.

New Toronto:

Considerable alterations were made to the toilets in cottages 3, 4, and 5; the marble work enclosing the pipe chases was entirely remodelled and set back to provide for the use of exposed flush valves, which were supplied to all toilets. Door locks in these cottages were overhauled. Plaster repairs were made in the Assembly Hall and in the Nurses' Residence and wire guards were supplied to a number of the cottage dormer windows.

Orillia:

Plans were prepared for a proposed sun room addition and other alterations on the north side of the Main Building, to be used for male patients, similar in every respect to the recent additions on the south side for female patients, but the work has not been proceeded with. Some improvements were made to the worn out treads of various stairs, where the wooden treads were considerably worn, the work being done by the hospital mechanics staff.

Penetanguishene:

Repairs to roofs of a minor nature were carried out on several of the buildings.

Toronto (999 Queen St. W.):

The railway siding was fully repaired and rails relaid by the Canadian National Railway Company.

Woodstock:

Additional protective radiator guards have been installed in the male and female infirmaries.

Storage type water heaters, 36" diameter by 9 feet long were installed in cottages A and 2 of the Adult group. Repairs were made to the roof of the Garage Building which was damaged by storm.

A portion of the existing laundry building was segregated and sterilizing and washing equipment was installed to provide for proper washing and sterilizing of all goods from the new Tubercular portion of the hospital before such goods are sent through the regular laundry and finishing process.

New drainage outlet units were installed for shower baths in the Infirmary building.

The basement of the Doctor's residence on the east side of the Highway, was protected from flooding by coating the lower walls and laying weeping tiles joined to the field tile system; the labor was performed by the hospital staff mechanics and inmates.

Whitby:

New stokers were installed under numbers 1 and 2 boilers, which included the necessary structural changes and underpinning. In the boiler house proper, a new metal lath and plaster ceiling was installed. At the rear entrance to the Administration Building the porte-cochere was rebuilt to carry out necessary repairs and to provide that the width be increased to permit of easy turning for traffic. The steps to the dining hall were rebuilt and repaired. Wooden fire escapes were erected on both the Nurses' Annex and the Nurses' old residence. Repairs were made to hospital roofs generally and to the roofs of farm buildings. Alterations were made to provide for the housing of the pasteurizing machine in a space separated from the can sterilizing and washing space.

Port Arthur:

The Administration Building was arranged to be taken care of by the Gaol officials with the help of inmate labour, keeping up the heating in the winter and doing any necessary caretaking.

Brampton:

Is in charge of a resident caretaker.

NEW ONTARIO HOSPITALS

St. Thomas:

The various buildings at the Ontario Hospital St. Thomas have now been completed, including the Administration and Hospital Group and the Laundry and the Nurses' Residence. A contract was awarded to the Canada Electric Company for the lighting of the grounds and to the Sterling Construction Company for the completion of the roadways and walks in front of the Administration Building. The completion of the work on the grounds was carried out by day labour. Trees were planted along both sides of the highway.

This institution, by Order-in-Council, was loaned to the Dominion Government Department of National Defence, for the duration of the war, for use as an Air Training School. The patients which were in residence at this hospital at the time were transferred to other institutions. The agreement provided for the occupancy of these premises by the R.C.A.F. as of October 23, 1939.

Woodstock:

The new extension to this hospital, known as the "Childrens' Unit" has been completed and is now being used for the housing of Tubercular patients and alterations have been carried out in the basement to provide an electric encephalographic examination unit, together with a dental treatment and laboratory centre.

Plans have been prepared for a new piggery building and cook house in connection therewith and a site lying to the north east of the new hospital group was selected. The work of building the cook house was carried out by day labour; the piggery portion has not yet been started.

The work of installing new electrical feeders to the new buildings known as the "Childrens' Unit" and revised wiring and transformers for the Adult group was put in hand following negotiations whereby an arrangement with the Hydro Electric Power Commission was made to raise the primary voltage of current to this hospital to coincide with the Commission's plan to raise the voltage for the whole district to properly take care of the greatly increased power demand in the rural district system in this section of the country.

Arrangements were made to install the telephone service to the new "Childrens' Unit" extending from the central board in the adult group.

Langstaff:

The whole of the buildings at Langstaff belonging to the City of Toronto were leased and fitted up for the housing of mental patients for the duration of the war and six months thereafter.

ONTARIO REFORMATORIES

Industrial Farm, Burwash:

One, two family house for guards has been completed and occupied and the four family house has been completed. The basement under the dormitory block has been made into a finished basement with new metalcrete floor and the tiling and plastering of the walls and the fitting up of lavatories. The equipment of the hospital wing has been completed. At No. 5 camp a new hot water storage tank was supplied and a water heater put in for the water supply tank of the tower.

Industrial Farm, Monteith:

The work of renovation of the buildings has been completed and repairs have been made to the power dam and the turbine of the electrical development plant and the electric pole lines have been overhauled and the poles straightened and replaced where necessary and considerable new wiring has been put in. A new water main has been laid from the pump house at the river to the elevated tank with the extensions to the various buildings; this replaced the original galvanized iron pipe which had become badly rusted and beyond economic repair.

Ontario Reformatory, Guelph:

A new cell group has been completed and occupied. The outside brick walls of this cell group, together with the previously built walls of the Assembly Hall have been plastered in cement, the work being done under contract. Landscaping has been completed by the Reformatory around the cell group and the yard between it and the Assembly Hall has been laid in concrete with the necessary connecting sidewalks. A new steam main has been laid from the machine shop to the greenhouse and from the new cell group to the Superintendent's residence, the work having been carried out by Public Works mechanics and inmate labour. The upper portion of the barn, which was partially destroyed by fire, was rebuilt.

New boilers and stokers were installed in the central Power Plant under contract, by the Waterous Engine Works of Brantford and a new condensate pump was also supplied and installed.

Rondeau Provincial Park:

The new pavilion at Rondeau Park has been completed and furniture installed.

MISCELLANEOUS

Advice was given to the Authorities at Welland in connection with the general re-arrangement and re-planning of their Gaol and interviews held with their Architect as to details.

The old Dairy Building at Kingston, which has been disused for the past three years, has been reconstructed and fitted up as a government building for the housing of the branches of the following Departments,—Highways, Health, Welfare and Agriculture. New controls for stokers for the boilers were installed and the entire heating, plumbing and electric wiring systems were overhauled and the whole building was painted, internally and externally and all the necessary repairs made to glazing and to roofs.

Sites were examined at Ottawa for a proposed new storage building and workshop for the Department of Highways and sketch plans were prepared but the work was not proceeded with.

Plans were also prepared for a storage building and workshop at Port Hope and tenders were called for, but the work was not proceeded with at the time.

Working drawings were prepared for the Department of Highways for weigh scale stations on the various highways and were supplied to the said Department for their use.

Plans were prepared for a pavilion to be erected at the Forestry Experimental Station at Midhurst and the building was erected by the Department of Lands and Forests.

Plans were prepared for the extension of the boys' camp at Lake Couchiching and a new dining hall for officers was provided, the work being done under contract and the building was completed in the early spring and occupied during the summer.

Considerable renovations were made to the experimental apple cold storage at Brighton, the pitch roof was removed from the west half of the building and a new felt and gravel roof, properly insulated, was laid over the entire structure. The cooling coils were re-arranged and repaired and replaced with new coils where necessary.

FISH HATCHERIES

The work in connection with the fish ponds at Hills Lake has been completed and the ponds and the new hatchery have been stocked. The work in the fiscal year referred to herein consisted of the construction of a flume and the building of a hatchery building, ice house, residence and garage.

At Skeleton Lake, a hatchery, new residence and garage have been built under contract and some grading and sodding have been done around number 5 pond.

RE CONSULTATION WORK ON SCHOOLS

At the request of the Department of Education, sketch diagrams of various types of plans were submitted to the following School Boards to assist them when deciding on their requirements,—

No. 1 Kashabowie
Arbour Vitae
Medora and Wood (United Townships)
Public School Inspector District Division V
Public School U2 Bigwood and Delamere
Public School 3 Rayside
Public School 1 Pic
Wolford Township
Blezard Valley
School Section No. 2 Brunel Township
Stratford
Public School Section No. 4 Rayside
Sprucedale Public and Continuation School Board
McGregor Township School Area

Plans and specifications were examined and reported on for,—

Addition to Toronto Danforth Technical School,
Additional to Technical School, Sudbury,
New Separate School in Smooth Rock Falls,
Proposed High School at Palmerston
Inspection of School No. 19 at Yarmouth was made and reported upon.

Suggestive plans of small rural schools were prepared for use of the Department of Education, using one-roomed, two-roomed, three-roomed and four-roomed types.

RE EXAMINATION OF PLANS FOR DEPARTMENT OF HEALTH

Plans were examined and recommendations forwarded to the Department of Health in connection with proposed new hospital buildings additions or alterations, at the following locations,—

Kemptville General Hospital, Kemptville,
Matheson Hospital, Matheson,
Private Hospital, Waterford,
Private Hospital, Geraldton,
General Hospital, Belleville,
General Hospital, Brantford,
Brant Sanitorium, Brantford,
Muskoka Hospital for Consumptives, Gravenhurst,
Weston Hospital for Consumptives, Weston,
Essex County Sanitorium, Windsor,
Victoria Hospital, London,
Protestant Childrens' Hospital, Ottawa,
Listowel Memorial Hospital, Listowel,
St. Paul's Hospital, Hearst,
Riverdale Isolation Hospital, Toronto,
Memorial Hospital, St. Thomas,
Proposed Hospital Berens River Mines, Favourable Lake,
General Hospital, Galt,
McCormick Home, London.
Oshawa General Hospital, Oshawa,
Hospital for Incurables, Dunn Ave., Toronto,
Convalescent Hospital, East Windsor,
Kirkland District Hospital, Kirkland Lake,
Hotel Dieu, Cornwall.

Mr. George White, having reached superannuation age, after service with the Department of approximately twenty-seven years, retired on the 31st of December, 1939, but was retained in a consulting capacity until the end of the fiscal year, 31st of March, 1940.

This report, showing the work of the Architect's Branch of the Department of Public Works closes the term of Mr. White's services as Architect of the said Department.

I have the honour to be, Sir,

Your obedient servant,

George N. Williams, *Chief Architect.*

Toronto, March 31st, 1940.

REPORT OF THE ENGINEER

March 1st, 1941.

HONOURABLE F. R. OLIVER,
Minister of Public Works,

Sir,—

I have the honour to report on the work done by the Engineer's Branch of the Department of Public Works, Ontario, during the fiscal year April 1st, 1939 to March 31st, 1940.

All the work was done by day labour under local foreman, employing local men and using local material wherever possible, except the dock at Sioux Lookout which was done by contract.

The usual maintenance of locks, dams, docks and navigable channels was carried out. One new timber dam and two concrete dams were built and a new dock built at Abrams Rapids near Sioux Lookout.

Maintenance work was as follows:—

Magnetawan Lock Gates:

These gates have been in use for 29 years and had become badly decayed and worn so that they were dangerous and hard to operate. The four gates were completely renewed with British Columbia fir. It was impossible to get timbers large enough for this work in these parts. They were built during the winter so as not to interefere with navigation, and were ready for use in the spring of 1940.

Baptiste Lake Dam:

The sluice-way in this dam is 20 feet wide and 15 feet deep, and it was always very difficult to get the stop logs down tight to prevent leakage through them. Considerable driftwood had lodged against them, so it was decided to remove all the stop logs and let the drift wood through the dam. Eight new stop logs with steel I beam centres were put in the bottom, the steel giving them weight enough to carry them down tight and prevent leakage. A crack in the west wing of the dam was repaired by grouting with concrete.

Rama Canal Dam:

The old crib work in this dam was badly decayed and the dam was leaking badly. New timber crib work was put in and new sheeting put on the face of the dam. Some new filling was placed on the dam and the roadway across it put in good condition.

Tasso Lake Dam:

Some new sheeting and fill was put on the face of this dam to make it safe.

Port Carling Dam:

During the summer of 1939, a leak developed under this dam which undermined one of the sluice-ways and two of the piers. A coffer dam was built around the piers and sluice-way, and fresh concrete put in to make them safe.

Rainy Lake Dam:

A leak had developed under one wing of this dam. This was repaired by filling it with concrete.

Huntsville Locks:

Some of the timber in one of the gates was so badly decayed that the gate could not be opened or shut. The decayed timber was replaced and the gate put in operating condition. Other minor repairs were made to the locks.

Port Sidney Dam:

The deck of this dam was renewed and some other repairs made including some new stop logs.

Bala Dam:

The deck of this dam was repaired and some minor repairs made.

Port Carling Dock:

The dock on the north side of the lock was renewed from the shelter house to the upper gates and all decayed planks in other parts of the dock replaced.

Baysville Dam:

The deck of this dam was renewed and several leaks in the east wing of the dam were repaired with concrete grouting. Some new stop logs were provided.

Port Carling Locks:

One of the lower gates had settled so that it was dragging on the bottom and was hard to operate. The decayed timber back of the gate was renewed and the gate raised so that it could swing clear of the bottom.

Navigation:

The buoys on the Muskoka Lakes and Magnetawan waters were replaced and the boat channels kept clear of all obstructions for navigation.

DAMS CONSTRUCTED

Blind River Dams:

The river at Blind River is divided into two channels, one at the town of Blind River and the other about a mile west of the town. Timber dams have been built on these channels years ago by lumbermen for log driving and other purposes. Of late years the dams have been neglected as lumbering operations became a thing of the past. The dams were finally taken away by the spring flood. This lowered the water in the lake at Blind River, causing much inconvenience to settlers and tourists and created an unpleasant condition from a health standpoint.

A new concrete dam was built on the east channel in the town of Blind River. This dam is about 200 feet long and 15 feet high at the main sluice-way. It is provided with 4 sluice-ways, each 15 feet wide and from 12 to 6 feet in depth. Each sluice is provided with stop logs. Two steel hand winches running on steel rails are provided to handle the stop logs. A timber deck 12 feet wide is provided over the sluice-ways. Steel chases are provided for the stop-logs to slide up and down in. The dam is on solid rock.

A fishway was provided at the west end of this dam.

On the west channel a solid timber dam was built. It is about 150 feet long and 10 feet high. It has a spillway 90 feet long to help take the spring floods. Heavy timber cribs were built and filled with rock. The upstream face of the cribwork was sheeted with plank and an earth fill placed in front of the sheeting.

Ragged Lake Dam:

This dam holds the water back on Ragged Lake and provides considerable storage for the regulation of the navigable lakes in Muskoka and for the power plants on the Muskoka waters. It also aids the lumbermen in driving logs from Ragged Lake to Smoke Lake.

The Hydro Electric Power Commission and the Barry's Bay Lumber Company contributed toward the cost of this dam.

This dam was built of concrete on solid rock foundation. It is about 300 feet long by 10 feet high and is provided with two sluice-ways 8 feet wide each and 9½ feet deep, with stop logs and winches. Each sluice-way has a timber deck 10 feet wide. The dam holds a head of 9½ feet of water on Ragged Lake.

Stoney Lake Dam, Sundridge:

For several years the tourists on this lake and some of the residents of Sundridge had been asking for a dam on this lake. No action was taken as several settlers around the lake objected to the building of a dam, as they claimed that it would cause extra high water in the spring and damage their property. A dam was designed so that when opened up it would carry as much water or more than could pass through the outlet before it was built.

A timber dam was built with a sluice-way 40 feet wide, which is wider than the original channel. The apron of this sluice is level with the original bed of the stream. The apron is provided with three large hooks spaced ten feet apart. Three brackets provided with eye bolts can be hooked on these hooks and planks placed against these brackets raise the water to the desired level. These are put in after the spring flood is over and are removed in the fall to provide for spring floods. The town of Sundridge agreed to operate the dam and be responsible for any damage done.

The dam has given satisfaction so far and no complaints have been received.

Abrams Rapids Dock at Sioux Lookout:

A new timber dock was built here. It is 400 feet long and built of timber cribs with 3 inch plank deck. This work was done by contract.

MUNICIPAL DRAINAGE

An appropriation of $800.00 was made to each of the following districts for road drainage, Nipissing, Muskoka, Haliburton, Peterborough, Hastings West, Hastings East, Addington, Renfrew South, Renfrew North and Sault Ste. Marie, while $1,000.00 was appropriated for Parry Sound District.

A grant of $5,000.00 was given the Village of Overbrook in Russell County towards the construction of the Hurdman Drain in the Township of Gloucester.

PROVINCIAL AID TO DRAINAGE

Boyle Drain, Dover Township, Kent County:

This drain was improved by the Township of Dover under the provisions of the Municipal Drainage Act, in accordance with report, plans and specifications prepared by Mr. W. G. McGeorge, Civil Engineer of Chatham, Ontario.

The work started at the Baldoon Road and continued westerly along the course of the drain to Lot 7 Con. 10, Dover Township, a total distance of 44,000 feet or nearly 8½ miles. The work consisted of deepening, widening and straightening the old drain. The drain was made 14 feet wide at the upper end and 18 feet at the lower end. The depth of the cut averaged about 2½ feet. One bad bend in the drain was straightened and several points cut across.

The estimated cost of the work was $13,000.00 which amount was assessed by the Engineer on lands and roads affected as follows—

Lands and roads in Chatham Township	$ 1,724.00
Lands and roads in Dover Township	11,276.00
Total	$13,000.00

The total cost of this work was $10,713.40. This scheme was entitled to aid according to the Provincial Aid to Drainage Act. On examination, the work was found completed in a satisfactory manner, and on report a grant of $2,142.68. being 20% of the cost of the work, was paid to the Township of Dover.

I have the honour to be, Sir,

Your obedient servant,

J. W. Hackner,
Engineer of Public Works.

Department of Public Works, Ontario.

Toronto, February 20th, 1941.

THE HONOURABLE FARQUHAR R. OLIVER,
Minister of Public Works.

Sir,

I have the honour to submit the following statement showing the several contracts entered into with His Majesty during the twelve months ending March 31st, 1940, in connection with the Public Buildings and Works, subject to the control of the Public Works Department of Ontario.

I have the honour to be, Sir,

Your obedient servant,

DIGBY HORRELL,
Secretary and Purchasing Agent.

STATEMENT No. 22

Showing the several contracts entered into with His Majesty during the twelve months ending 31st March, 1940, in connection with the Public Buildings and Works, subject to the control of the Department of Public Works, Ontario.

Date	Work	Subject of Contract	Contractors	Amount
1939 May 25	Sault Ste. Marie, Ontario Government Air Base	Construction of Concrete and Steel Runway	L. R. Brown & Co. Ltd., Sault Ste. Marie	$12,220.00 less Sales Tax
June 30	Lake Couchiching, Ontario Athletic Commission	Erection of Administration Building	Fleming Planing & Lumber Mills, Gravenhurst	3,770.00
July 17	St. Thomas, Ontario Hospital	Freight Elevator in Power House	Otis Fensom Elevator Co. Ltd., Toronto	7,397.00
July 21	St. Thomas, Ontario Hospital	Installation of Elevator in Nurses' Residence	Otis Fensom Elevator Co. Ltd., Toronto	18,250.00
July 31	Skeleton Lake, Muskoka Fish Hatchery	Construction of Residence and Garage	Wm. J. Le Quyer, Utterson	6,250.00
Aug. 2	St. Thomas, Ontario Hospital	Ground Lighting	Canada Electric Co. Ltd., Toronto	33,773.00
Aug. 2	St. Thomas, Ontario Hospital	Water Mains and Hydrant	Eggett & Company, London	6,195.00 less Sales Tax
Aug. 21	Hill's Lake, Fish Hatchery	Erection of Hatchery Building, Residence, Ice House and Garage	D. A. McLeod, Charlton	16,700.00
Oct. 4	Kemptville Agricultural School	Construction of Dairy Building	Holmes Construction Co. Ltd. Kemptville	32,000.00
Oct. 5	Kemptville Agricultural School	Installation of Plumbing and Heating Systems in Dairy Building	Purdy, Mansell, Limited, Toronto	6,178.00 less Sales Tax
Oct. 5	Kemptville Agricultural School	Electrical Work in Dairy Building	The Windeler Electrical Co. Ltd., Toronto	1,747.00 less Sales Tax
Oct. 19	Kemptville Agricultural School	Cold Storage Equipment in Dairy Building	Creamery Package Mfg. Co. of Canada Limited, Toronto	1,925.00 less Sales Tax

Digby Horrell,
Secretary and Purchasing Agent.

STATEMENTS

OF THE

Accountant of Public Works

1939-1940

Department of Public Works, Ontario,
TORONTO, February 25th, 1941.

Honourable F. R. Oliver,
Minister of Public Works.

Sir:—

I have the honour to submit detailed statements of Ordinary Expenditure of Civil Government and Maintenance and Repairs of Government Buildings; also Capital Expenditure on Provincial Public Buildings and Public Works, during the fiscal year which ended on the 31st of March 1940.

I have the honour to be, Sir,

Your obedient servant,

S. Wood,
Accountant Public Works.

SUMMARY OF EXPENDITURE

FOR FISCAL YEAR APRIL 1st, 1939 to MARCH 31st, 1940

Service	Ordinary	Capital	Total
Main Office—Administration expenses, etc.	$ 92,639.16		92,639.16
Maintenance and repairs, Government Buildings	670,853.65		670,853.65
Public Works—Maintenance	19,819.90		19,819.90
Public Buildings		2,311,996.96	2,311,996.96
Public Works		256,553.85	256,553.85
Special Warrants	59,824.25	41,829.52	101,653.77
TOTAL NET EXPENDITURE	$ 843,136.96	$2,610,380.33	$3,453,517.29

STATEMENT OF REVENUE

MAIN OFFICE:

	Ordinary	Capital	Total
Commission on telegraphs and telephones	$ 2,890.34		$ 2,890.34
Sale of material	1,947.77		1,947.77
Rentals	25,261.25		25,261.25
Sale of property		11,250.16	11,250.16
Perquisites	1,866.00		1,866.00
Building equipment	162.20		162.20
Miscellaneous	37.65		37.65
Compensation from Dominion Government re. leasing Ontario Hospital, St. Thomas for war purposes	125,000.00		125,000.00
Compensation from Dominion Government re. occupancy of Ottawa Normal and Model Schools for war purposes	17,000.00		17,000.00
TOTAL	$ 174,165.21	11,250.16	185,415.37

S. Wood,
Accountant.

TORONTO, February 25th, 1941.

STATEMENT OF EXPENDITURE, MAIN OFFICE, MAINTENANCE REPAIRS and CONSTRUCTION of PUBLIC BUILDINGS FOR FISCAL YEAR ENDING MARCH 31st, 1940

ORDINARY

MAIN OFFICE:

Service	Amount	Amount
Salaries—Minister's salary	$ 5,333.33	
Permanent	68,037.50	
Temporary	10,167.49	
Travelling expenses	2,697.74	
Maintenance	6,030.19	
Local Improvement Taxes	214.33	
Unforeseen and unprovided	158.58	
		$ 92,639.16
GENERAL SUPERINTENDENCE:		
Salaries—Permanent	7,173.00	
Temporary	11,651.92	
Services travelling and other expenses	5,974.81	
		24,799.73

LIEUTENANT GOVERNOR'S APARTMENT:		
Salaries	3,600.00	
Maintenance	981.54	
		4,581.54
LEGISLATIVE and DEPARTMENTAL BUILDINGS:		
Salaries—Permanent	16,191.73	
Temporary	6,923.67	
Telephone service	39,937.55	
Typewriter inspection and repairs for all Departments	3,933.81	
Maintenance Staff—		
Salaries—Permanent	76,537.07	
Temporary	116,180.57	
Maintenance—		
Fuel, light, gas, water and power	53,697.09	
Cleaning supplies, upkeep of grounds and casual help	57,251.67	
Furniture and furnishings and equipment for buildings	1,148.04	
Mechanical Staff—Salaries—Permanent	7,400.00	
Repairs and alterations	75,794.88	
	454,996.08	
Deduct Rentals—	13,800.00	
		441,196.08
OSGOODE HALL:		
Salaries—Permanent	9,400.00	
Temporary	10,924.09	
Maintenance —		
Fuel, light, water and power	4,397.10	
Furniture, furnishings and equipment	—	
Telephone service	2,729.60	
Cleaning of buildings and incidentals	1,110.66	
General repairs and alterations	6,032.07	
		34,593.52
EDUCATIONAL BUILDINGS:		
Repairs and incidentals—		
TORONTO NORMAL and MODEL SCHOOL	1,473.51	
OTTAWA NORMAL and MODEL SCHOOL	2,462.60	
LONDON NORMAL SCHOOL	1,931.99	
HAMILTON NORMAL SCHOOL	10,444.35	
PETERBOROUGH NORMAL SCHOOL	3,522.95	
STRATFORD NORMAL SCHOOL	9.06	
NORTH BAY NORMAL SCHOOL	1,843.95	
BELLEVILLE SCHOOL for the DEAF	3,410.73	
BRANTFORD SCHOOL for the BLIND	933.58	
ONTARIO TRAINING SCHOOL for TECHNICAL TEACHERS, HAMILTON	1,172.05	
GENERAL—To provide for repairs, installation of boilers and heating plants in buildings and fire protection	1,061.79	
		28,266.56
AGRICULTURAL BUILDINGS:		
Repairs and incidentals—		
ONTARIO AGRICULTURAL COLLEGE, GUELPH	16,749.13	
ONTARIO VETERINARY COLLEGE, GUELPH	447.33	
HORTICULTURAL EXPERIMENTAL STATION, VINELAND	1,321.20	
WESTERN ONTARIO EXPERIMENTAL FARM, RIDGETOWN	834.34	
AGRICULTURAL SCHOOL, RIDGETOWN	1,016.15	
AGRICULURAL SCHOOL, KEMPTVILLE	1,260.98	
NEW LISKEARD DEMONSTRATION FARM	99.23	
PRE-COOLING STATION, BRIGHTON	4,861.77	
GENERAL—To provide for repairs, installation of boilers and heating plants in Agricultural Buildings and fire protection	5,554.91	
		32,145.04
TRAINING SCHOOLS:		
Repairs and incidentals—		
ONTARIO TRAINING SCHOOL FOR GIRLS, GALT		586.75

DISTRICT BUILDINGS:		
Repairs and alterations, furniture and furnishings and improvements to grounds for all District Buildings—		
ALGOMA	2,801.11	
COCHRANE	2,027.48	
KENORA	2,513.39	
MANITOULIN	1,769.33	
MUSKOKA	108.52	
NIPISSING	2,327.09	
PARRY SOUND	2,342.50	
RAINY RIVER	3,134.20	
SUDBURY	4,573.72	
TEMISKAMING	3,110.79	
THUNDER BAY	4,551.89	
GENERAL—To provide for repairs, installation of boilers and heating plants in Districts and fire protection	608.73	
Salary of Caretaker, Temiskaming	720.00	
		30,588.75
ONTARIO HOSPITALS:		
Repairs and incidentals—		
BROCKVILLE	984.83	
COBOURG	125.14	
HAMILTON	2,218.34	
KINGSTON	5,120.71	
LONDON	719.70	
NEW TORONTO	1,785.64	
ORILLIA	666.99	
PENETANGUISHENE	281.83	
TORONTO	194.47	
PSYCHIATRIC, TORONTO	102.40	
WHITBY	22,805.31	
WOODSTOCK	1,797.25	
FORT WILLIAM	1,764.35	
CONCORD	178.00	
		38,744.96
PUBLIC WORKS:		
Equipment, instruments, machinery, scows, boats, rubber boots, motor trucks and cars	956.36	
Lockmasters, bridge-tenders, caretakers etc.	4,301.94	
Maintenance of locks, dams, dredging, etc.	12,037.32	
Wages and expenses of Supervising Foreman	2,049.67	
Maintenance of Hawkesbury-Grenville Bridge	474.61	
		19,819.90
MISCELLANEOUS:		
Restoring Monuments, Burial Grounds, St. Andrews West	37.50	
To provide for expenses in connection with the visit of their Majesties	35,313.22	
		35,350.72
SPECIAL WARRANTS:		
Alterations to old Dairy School, Kingston	21,386.46	
Expenses re. transfer of patients from St. Thomas Hospital	14,308.61	
Farm operating expenses for Ontario Hospital, St. Thomas	9,898.89	
Cost of providing quarters for staff and pupils Normal School, Ottawa	14,230.29	
		59,824.25
TOTAL ORDINARY EXPENDITURE		$ 843,136.96

CAPITAL

AGRICULTURAL BUILDINGS:		
HORTICULTURAL EXPERIMENTAL STATION, VINELAND		
Fencing grounds	1,630.00	
AGRICULTURAL SCHOOL, KEMPTVILLE		
New Dairy School Building	40,545.72	
		42,175.72

ONTARIO HOSPITALS:		
WOODSTOCK—To provide for construction of new children's unit and expenses in connection therewith....	176,684.54	
NEW UNITS—For the purchase of property, construction of buildings, purchase of equipment, furniture and furnishings and other expenses in connection with hospitals	1,837,542.00	
		2,014,226.54
ONTARIO REFORMATORIES:		
Additions, alterations and equipment		
GUELPH	70,325.80	
BURWASH	23,204.02	
MONTEITH	38,312.19	
		131,842.01
DISTRICT BUILDINGS:		
To provide for construction of works and buildings, alterations and fireproofing and expenses in connection therewith—		
PARRY SOUND	14,664.63	
SUDBURY	5,087.92	
THUNDER BAY	293.54	
		20,046.09
PROVINCIAL PARKS:		
To complete construction of Community Hall at Rondeau Park	7,435.35	7,435.35
FISH HATCHERIES:		
Construction and alterations to Fish Hatcheries	81,998.93	81,998.93
FORESTRY:		
To provide for construction of works and buildings and expenses in connection therewith	14,272.32	14,272.32
PUBLIC WORKS:		
Cutting and purchase of timber and construction materials	1,983.63	
Docks	3,261.26	
Municipal Drainage	13,573.22	
Storage dams	13,093.06	
Drainage Aid	2,142.68	
Grants—		
Grant by the Province of Ontario towards the cost of the Grand River Conservation Scheme on the basis of 37½% of actual cost	222,500.00	
		256,553.85
SPECIAL WARRANT:		
Grant to Counties of Prescott and Russell for flood prevention on South Nation River	41,829.52	41,829.52
TOTAL CAPITAL EXPENDITURE		$2,610,380.33

SUMMARY:

ORDINARY EXPENDITURE

Main Office and Maintenance and Repairs of Government Buildings	$ 843,136.96

CAPITAL EXPENDITURE

Public Buildings	2,610,380.33
	$3,453,517.29

S. Wood,
Accountant.

Department of Public Works, Ontario.

TORONTO, February 25th, 1941.

THIRTY-THIRD ANNUAL REPORT

OF THE

Game and Fisheries Department of Ontario

TO: THE HONOURABLE H. C. NIXON,
Minister in charge,
Department of Game and Fisheries.

SIR:—

I have the honour to submit to you in this and the following pages the Thirty-third Annual Report of the Department of Game and Fisheries, outlining the activities of various Departmental services and including statistical and comparative tables for the fiscal year ended March 31st, 1940.

INTRODUCTORY

More than ever before the conservation of our natural resources is of paramount importance, and wilful waste becomes a serious menace.

During the period under review the grim spectre of war, whose ugly form had on previous occasions cast a dark shadow over us, became a reality, and the peaceful pursuits of our normal lives have once more been directed, in large measure, to the prosecution of the war. Uppermost in our minds, perhaps, is the picture of a war-torn world in which sorrow, suffering and anxiety predominate; yet even this dreary picture is brightened somewhat by the heroism and self-sacrifice of those who are so bravely striving to maintain and strengthen their right to live in accordance with their national traditions.

The sportsman knows the economic value of our wildlife heritage, and is familiar with the part that wealth plays in the prosecution of a war. Therefore he has a definite and personal responsibility to see that these resources shall not be dissipated through unlawful means.

Possibly, there never was a time in the history of wildlife administration when the sportsmen of this Province were more deeply conscious of the necessity for exercising restraint, observing regulations and playing the game according to the best traditions, than just now. Education and organized effort have done much to bring about this happy state of affairs. No longer is it considered smart to disregard the provisions of the regulations which govern, for waste attributable to the display of such disregard destroys much more quickly than subsequent remedial measures can restore. Conservation as it affects the individual is more than law observance, although the latter is of primary importance, and is therefore mandatory. The ethics which apply are not written on the statute books, but are a voluntary contribution representing personal restraint and an attitude of mind which reflects true sportsmanship. Conservation and sportsmanship are closely allied.

It is a splendid sign to find sportsmen themselves through representative organizations pointing out to fellow sportsmen certain laws and fundamental principles with regard to their sport. Law observance is so essential to good government and wise administration that the thoughtful man needs no special reminder of his duty in that regard. To the sportsman the laws which govern his sport are so necessary to its perpetuation that their observance is the best contribution the individual can make to the protection of the resources which make such sport possible.

We are anxious to make it clear to our American friends that the laws of the country have not changed so far as tourists are concerned, that the welcome sign is still displayed at our ports of entry and applies to all but enemy aliens, that instead of taxing American money there is a premium on same, which means quite a saving during a prolonged stay and that despite war conditions our food supplies are sufficient for all requirements. Insofar as hunting and fishing are concerned there has been no recession in our plans for maintaining and developing our resources.

Ontario's facilities for hunting and fishing are unsurpassed, and the regulations which apply provide a minimum of restriction and a maximum of sporting possibilities. These facts are well known to the thousands of visitors who annually sojourn among us and require no elaboration. However, it seems necessary to emphasize the fact that our hospitality is still unimpaired and our forests and waterways have lost none of their attractiveness. In short, visitors are assured of the same courteous reception and treatment as heretofore, and the war angle will but add to the thrill of the visit.

The tourist traffic has become one of the largest industries of the Province and its ramifications are such that, directly or indirectly, both urban and rural districts share in the revenue derived therefrom. This particular business has its stock-in-trade in those physical attractions and natural resources which are a part of our heritage, and from which we secure a great deal of material wealth.

Insofar as the Department of Game and Fisheries is concerned the year was one of progressive development. Fish culture operations were further expanded through the addition of more hatcheries and rearing pond facilities, and more pheasants were released than during the previous year. The fish and game resources of the Province are in better shape than they have been for a considerable period, and this is confirmed by the fact that departmental revenues reached the highest peak in our history.

FINANCIAL

	Revenue	Expenditure (Ordinary & Capital)	Surplus
1935-36	$ 683,938.72	$451,041.91	$232,896.81
1936-37	782,217.63	474,128.95	318,088.68
1937-38	866,558.19	563,938.33	302,619.86
1938-39	914,475.24	575,437.79	339,037.45
1939-40	1,015,350.82	568,198.55	447,152.27

The statistical table above set forth shows the total revenue and expenditure of the Department for the year reported on and for the four preceding fiscal years. It will be observed that there has been in each year a succeeding increase in revenue, climaxed in 1939-40 with a revenue exceeding the one million dollar mark, the first in the history of the Department. Details of the various sources from which this revenue was derived are indicated in the statement which follows:—

REVENUE FOR FISCAL YEAR ENDING MARCH 31ST, 1940

ORDINARY—		
MAIN OFFICE—		
GAME—		
Licenses—		
Trapping	$ 39,772.30	
Non-resident Hunting	84,590.00	
Deer	81,882.00	
Moose	2,733.50	
Gun	94,882.18	
Dog	5,550.00	
Fur Dealers	25,446.00	
Fur Farmers	9,583.50	
Tanners	100.00	
Cold Storage	168.00	
	$ 344,707.48	
Royalty	116,520.40	$ 461,227.88
FISHERIES—		
Licenses—		
Fishing (Commercial)	$ 86,858.00	
Angling	391,504.00	
	$ 478,362.00	
Sales — Spawn taking	168.93	
Royalty	12,140.09	490,671.02
GENERAL—		
Licenses—		
Tourist Camps	$ 7,445.00	
Guides	8,276.00	
	$ 15,721.00	
Fines	16,521.74	
Costs Collected (Enforcement of Game Act)	726.11	
Sales — Confiscated articles, etc.	23,901.02	
Rent	3,738.65	
Commission retained by Province on sale of lic.	2,328.90	
Miscellaneous	243.42	63,180.84
EXPERIMENAL FUR FARM—		
Sales — Pelts		271.08
Net Ordinary Revenue		$1,015,350.82

Upon reference to the five-year revenue statement it will be observed that as compared with that of the previous year the revenue in 1939-40 shows an increase in excess of one hundred thousand dollars. The principal sources which contributed to this large increase were the revenues derived from fur royalties, the sale of trapping licenses and the sale of non-resident angling licenses. Increased revenue from fur royalties amounting to $42,455.65, and trapping licenses amounting to a sum somewhat in excess of $13,500.00, or more than fifty per cent in excess of the sum derived from this source in the previous year, was to a great extent due to the fact that after an entire close season of several years two limited periods of open season were provided for the taking of beaver, during which open season there was a catch of 33,530 of these animals upon which a royalty of $1.00 per pelt was collected by the Department in accordance with existing provisions of the Game and Fisheries Act, and greatly increased catches during the regular open seasons which prevailed in the case of mink and muskrat were also factors in the increased revenue from this source. The sale of non-resident angling licenses resulted in the collection of the total sum of $391,504.00, an increase of more than $52,000.00 as compared with the figure from the same source in 1938-39.

Total expenditures for the year, including both ordinary and capital, amounted in all to a sum of $568,198.55, showing an operating surplus of $447,152.27 for the period under review. Capital expenditures totalled $10,095.43, of which amount $3,933.47 was spent on improvements at the Departmental bird farms located at Normandale and Codrington, while the balance of $6,161.96 was expended on various fish hatchery properties. The principal items of ordinary expenditure were $219,211.11 on the maintenance of the staff of regular and seasonal officers engaged in the work of providing enforcement of provisions of the Game and Fisheries Act and additional patrols during the fish spawning periods; and the sum of $211,142.44 for the operation of the various fish hatcheries and rearing stations maintained by the Department in connection with the propagation and distribution of fish by the Fish Culture Branch, the details of this service being enumerated further along in this report. Expenditures additional to the two principal items to which reference has just been made include $27,399.50 spent in connection with the purchase and distribution of game birds and animals for re-stocking purposes, $21,506.20 of this total being for the purchase of some 26,500 live pheasants, which were liberated principally in the various Townships in southwestern Ontario counties established as Regular Game Preserve Areas; expenses under the Wolf Bounty Act were $25,058.12, actual bounty payments being in all $24,905.00; while special grants paid by the Department in accordance with appropriations provided by the Legislature amounted to $7,400.00, details of which are as follows: $2,000.00 expended under the supervision of Professor W. J. K. Harkness in connection with biological surveys and research work in fisheries, particularly on waters in Algonquin Provincial Park; $2,500.00 to the Ontario Fur Farmers' Association to assist the services of this organization in the development of the fur farming industry throughout the Province; $1,000.00 to the Ontario Federation of Anglers to be expended in connection with their educational campaign to secure more improved co-operation along the lines of closer observance of provisions of the Fisheries Regulations; while the balance of $1,900.00 was allotted to Mr. Jack Miner, Mr. Thomas N. Jones, and Miss Edith L. Marsh to encourage these interested naturalists in their work of bird protection on the sanctuaries maintained by them in the Counties of Essex, Elgin and Grey respectively.

GAME

The following table shows comparative details of the various hunting licenses, both resident and non-resident, which were issued during the seasons which prevailed, together with similar information for preceding years, and from which it will be observed that there was but little change in the numbers of such licenses which were disposed of during the year reported upon as compared with the numbers sold in the previous year:

	1936-37	1937-38	1938-39	1939-40
Resident Deer	15,394	18,672	21,762	21,416
Resident Deer (Camp)	262	283	307	323
Resident Deer (Farmers)	5,386	6,503	7,719	7,722
Resident Moose	542	580	471	497
Resident Gun	79,531	90,756	114,580	113,992
Non-Resident Deer	848	1,036	1,329	1,492
Non-Resident "General"	878	1,043	569	593
Non-Resident Small Game	1,129	1,634	1,618	1,567
Non-Resident Bear (Spring season)		30	49	108

At this point I desire to draw attention to the effort now being made by the Department to develop the interest of non-resident hunters in the possibilities of a successful bear hunt in this Province during the period between April 1st and June 15th, and, while the numbers of such licenses which have been sold for this privilege during the three years this has been in effect are not substantial, there are indications that knowledge of the policy is becoming somewhat more widespread, and there is every reason to believe that the increasing numbers of inquiries being received from interested hunters will eventually mean that considerably larger numbers will avail themselves of the opportunity for a splendid spring outing which is thus provided.

The following is a summary of conditions which apply to the various species of game animals and birds of the Province, compiled from reports received in the Department from the officers of the Enforcement Service:—

DEER:—The white-tailed or Virginia deer common to this part of the Continent continues to be quite plentiful in many sections of the Province, and the hunting of this species during the regular open season which prevails provides an opportunity for the sportsman to partake in a most enjoyable form of recreation. Reports indicate that so far as the northern and northwestern portions of the Province are concerned, generally speaking, conditions are quite favourable. There are, however, certain scattered sections in which the habitat is not conducive to the existence of deer and in which areas the herd is not at all plentiful. By reason of its easy accessibility extensive hunting is carried on in the northern districts of the southern part of the Province, nevertheless, deer in these areas continue to be plentiful, and in fact are showing quite an increase in their numbers in some areas.

In the counties included in the southwestern peninsula and in certain eastern counties there has been an entire close season on deer for the past several years. This complete protection has resulted in deer in these areas becoming quite numerous, and it is no unusual occurrence to see these animals as one travels along our highways. In Bruce and Grey Counties the increase has been so favourable as to warrant the provision of a limited open season there.

Hunters returning from the north have reported a satisfactory deer season. The general opinion was the deer were quite plentiful, increasing numbers of does and fawns being observed. This is the natural result of the present regulations which provide a large measure of protection to does and their young, while in addition to this protective measure the past few winters have been reasonably mild, and this has been an important factor in maintaining and developing the herd.

With a reasonable measure of protection and the co-operation of the general public to that end, the deer herd is quite capable of replenishing itself and taking care of all reasonable demands.

MOOSE:— The moose is the largest of the deer tribe found on the American continent. It is of majestic appearance, and a large spread of antlers adds to its value as a sporting trophy. It is to be found in the northern portions of the Province, though a few specimens are frequently seen in the districts of Muskoka, Parry Sound, Renfrew as well as in the sections immediately adjacent to Algonquin Park. Nowhere in Ontario, however, can they be described as plentiful, and restrictions for their protection which are in effect are necessary to ensure the perpetuation and rehabilitation of this species. In certain sections, such as the Districts of Cochrane, the northern portions of the Districts of Sudbury and Algoma, and the Districts of Thunder Bay, Rainy River and Kenora, they are reported to be fairly plentiful, but their future development will depend on many factors, particularly environment, for even the great northland is opening up before the ever progressive advance of civilization.

CARIBOU:— The caribou is a near relative of the reindeer of northern Europe and is the most useful though not the most comely of its race. It has few of the prepossessing physical endowments of the elk and none of the grace of the deer. Caribou are extremely scarce in the Province and are reported only from the Districts of Kenora, and Thunder Bay, as well as from the northern portions of the Districts of Algoma, Sudbury and Cochrane. Perhaps because of the fact that they have been completely protected for a number of years some slight increase has been noted in the eastern portion of the Thunder Bay District, more particularly in the territory which comprises the Superior Game Preserve, and in the Chapleau Crown Game Preserve located in the Districts of Algoma and Sudbury.

ELK:— The wapiti or North American elk is one of the largest specimens of the deer tribe. He is also without doubt the most beautiful and stately animal in all the deer family. Although of extremely large proportions his physical appearance is such as to immediately attract attention. The magnificent antlers often measure six feet in length and these added to a graceful and compact body give it a stately appearance.

The elk which are found in Ontario at present are those which were imported to the Province from Western Canada, and their progeny. The original shipments on arrival here were placed on the following Crown Game Preserves, viz: Pembroke, located in the county of Renfrew; Burwash, located in the District of Sudbury; Chapleau, located in the Districts of Sudbury and Algoma; Goulais River-Ranger Lake, located in the District of Algoma; and Nipigon-Onaman, located in the District of Thunder Bay.

There has been some improvement in practically all instances save one,— those liberated in the Nipigon-Onaman Crown Game Preserve. Specimens from the herd at Pembroke have previously been placed in Algonquin Provincial Park and on the Bruce Peninsula, and during the year under review others were liberated in the Nipissing and Peterborough Crown Game Preserves, while some animals from the herd at Burwash were liberated in territory adjacent thereto. It is reported that their numbers have increased in the Chapleau and Burwash Crown Game Preserves and also on the Bruce Peninsula, while some of these animals have been observed on Beausoleil Island in Georgian Bay.

BEAR:— Black bear are common throughout the northern portion of the Province, and are found to a lesser extent in many other sections specially among which are the Districts of Parry Sound, Muskoka, Haliburton, Renfrew, the northern part of Hastings County and in the Bruce Peninsula. These animals are both hunted and trapped though not extensively, but there is an indication that increasing numbers of non-resident hunters are becoming interested in the spring hunt for which provision has been made. Unquestionably the sportsman gets a great thrill out of bear hunting.

RABBITS:— Rabbits continue to provide many opportunities for wholesome recreation and sport, and more particularly is this so in the southern portion of the Province. In these southern counties cotton-tail rabbits are available in satisfactory numbers although bag limits have been introduced and the sale or purchase prohibited in some of these counties. The jack-rabbit (European Hare) is pretty well confined to the western counties, though this species is gradually extending its range to the east and north. The varying hare or snowshoe rabbit is to be found in most districts although it alone is the prevailing species in Northern Ontario, and while it is reported to be quite scarce in that area there are indications of some improvements from many sections there.

Rabbit hunting is a favourite activity of Ontario sportsmen during the fall and winter months. The "jack" is probably the most popular of the species because of its size, its great speed and the fact that it is to be found in open country which makes the hunting easier. Its speed is its chief defence and it is not easily subdued.

Hunters should note that while rabbits are quite prolific breeders there is just as much danger of exterminating them through needless waste as any other species of game. This is particularly true in the more populous areas, where hunting is heavy and habitat restricted. Control is necessary to prevent damage to property, but game which provides such healthy outdoor sport at a minimum of expense is worth conserving.

PARTRIDGE:— The ruffed grouse, or partridge as it is more generally called, is a native bird and is found in varying numbers throughout the Province. In the more settled sections its numbers are very limited, and it is further subject to a cycle of scarcity and abundance which materially affects its permanent development. However, at the present time, the cycle appears to be on the up swing again and improvement has been noted, particularly throughout Northern Ontario, as well as in the northern section of the southern part of the Province.

The sharp-tailed grouse or prairie chicken is prevalent only in the northwestern districts and even there this species is comparatively scarce.

The ruffed grouse is perhaps the fastest and most elusive of our upland game birds.

QUAIL:— These birds are found principally in the southwestern counties of Essex, Kent, Lambton and Middlesex and in the counties immediately adjacent to the eastern boundaries thereof, in which section they are fairly plentiful. Scattered bevies are also reported in some eastern counties, that is Stormont, Dundas and Glengarry.

PHEASANT:— The English ring-necked pheasant is a non-native bird. It was originally introduced to Ontario about half a century ago and since then has undergone a process of natural and artificial development which has served to firmly establish it in certain areas,—particularly in the southwestern part of the Province where the climate is not too rigorous. Because of the fact that climatic conditions are extreme over much of the Province it is unlikely that the pheasant will have an extended range. However, it has done so well where it has become established that open seasons have been the rule for a number of years.

In recent years the Department has enlarged and intensified its operations in connection with the propagation and distribution of pheasants and during the year reported on adult pheasants and poults numbering 30,396 were liberated in areas suitable for their development. Of this number 27,373 were distributed in Townships established as Regulated Game Preserve Areas, and the balance, 3,023 birds, in Counties not included in this Regulated scheme, principally Essex and Kent. The birds were allotted as they were available according to the area of the Townships concerned and the conditions prevailing therein. Details of the distribution are as follows:—

Regulated Game Preserve Areas: County of Brant, two Townships, 801 birds; County of Elgin, four Townships, 1813 birds; County of Haldimand, ten Townships, 3,824 birds; County of Halton, four Townships, 1909 birds; County of Lennox and Addington, one Township, 140 birds; County of Lincoln, eight Townships, 3,043 birds; County of Middlesex, two Townships, 1270 birds; County of Norfolk, four Townships, 1,940 birds; County of Ontario, three Townships, 1,185 birds; County of Oxford, one Township, 546 birds; County of Peel, four Townships, 1,797 birds; County of Prince Edward, one Township, 340 birds; County of Welland, eight Townships, 3,173 birds; County of Wellington, one Township, 370 birds; County of Wentworth, six Townships, 1,871 birds; and the County of York, six Townships, 3,351 birds.

General:— County of Essex, 1,970 birds, of which 1,582 were liberated on the mainland and 388 on Pelee Island; County of Kent, 929 birds; and the remaining 124 birds were distributed in four other areas.

HUNGARIAN PARTRIDGE:— These birds were also introduced to the Province from Europe, but have not yet become plentiful anywhere. So far as the north is concerned their numbers are negligible though evidence of their existence is reported from certain sections of Temiskaming, Algoma and Thunder Bay. They are most numerous in the very extreme southwestern counties, while reports indicate that they are becoming more plentiful in some of the eastern counties.

DUCKS:— Generally speaking, this species of migratory water-fowl provides quite a large proportion of the sport which is available to the hunter during any season, and the season is a reasonably long one. Practically every section of the Province has its quota of ducks during the period of migration. Restrictions affecting the taking of ducks have recently been provided with a view of affording greater protection. The results have been very beneficial and reports indicate that their numbers have increased. Regulations for the taking of ducks are provided by the Federal Government under the terms of the Migratory Birds Convention Act, a Treaty applicable in the United States and Mexico as well as in Canada.

Few have more than a passing acquaintance with the various species of North American ducks with the exception of one or two of the most common. Not all of these species are to be found in Ontario, but there is a wide variety, including the Mallard, Black duck, Gadwall or Grey duck, Pintail, Widgeon-Baldpate, Shoveller, Blue-winged Teal, Green-winged Teal, Wood duck, Bluebill, Lesser Scaup, Canvasback, Red-head, Golden-eye-Whistler, Bufflehead, Long-tailed duck, Old Squaw, Black Scoter, Velvet Scoter, Ruddy duck and Eider duck, some of which are quite common and others not at all plentiful. Of the various species herein enumerated only the Wood duck is provided the protection of an entire close season.

GEESE:— There are not many areas in Ontario in which these birds may be successfully hunted, and while they are observed in flight during the fall and spring migrations, in numerous sections the conditions which prevail during these migrations are such that during the open season which is provided, any hunting which is available is pretty well restricted to the James Bay shore in the far north, and to a few of the extreme southwestern counties. There are several different species of geese, of which the Canada Goose is perhaps the best known.

WOODCOCK:— This species is extremely scarce in Northern Ontario, and is none too plentiful in the southern portion of the Province. Reports from Departmental officers show the most favourable locations to be certain of the counties along the north side of Lake Erie.

SNIPE:— As in the case of woodcock, this species is quite scarce in Northern Ontario. They are reported to be somewhat plentiful in several southern counties, while increasing numbers are recorded in scattered areas a little farther north.

PLOVER:— These birds continue to be quite scarce throughout the entire Province though some slight improvement is reported from different areas in the most southerly counties.

During the year under review special Regulations were provided, details of which are as follows:—

(a) An open season for deer in that portion of the County of Carleton lying west of the Rideau River, from November 6th to November 20th, both days inclusive. General deer hunting regulations were effective.

(b) An open season for deer in the Townships of Amabel, Albemarle, Eastnor, Lindsay and St. Edmund, in the County of Bruce, extending from November 13th to November 18th, both days inclusive. General deer hunting regulations were in effect during this period, except that the use of dogs was not permitted.

(c) An open season for cock pheasants on Pelee Island, October 27th and 28th. Limit of five birds per day. Special municipal hunting license $5.00.

(d) An open season for cock pheasants in the various Township Regulated Game Preserve Areas, and in the various Townships in the County of Oxford, October 20th, 21st and 28th. Limit of three birds per day. Special municipal hunting license $1.00 per day.

(e) An open season for cock pheasants, quail and Hungarian partridge in the Counties of Essex (excluding Pelee Island) and Kent, October 20th, 21st and 28th. Limit of three cock pheasants, four quail and two Hungarian partridge per day.

(f) An open season for partridge throughout the Province (excepting the Counties of Essex and Kent and the various Township Regulated Game Preserve Areas),—October 9th to October 14th, both days inclusive, and November 6th to November 11th, both days inclusive. Limit of five birds per day, and not more than fifteen during the two periods specified.

(g) Prohibiting the hunting or shooting of any game on Pelee Island during the period October 21st to October 26th, both days inclusive.

(h) Prohibiting the hunting of deer during the year 1939 in the Counties of Durham, Northumberland and Prince Edward, and in concessions IX and X of the Township of Cambridge in the County of Russell.

FUR-BEARING ANIMALS

Conditions as they apply to fur-bearing animals throughout the Province are summarized in the following references from reports submitted to the Department by members of the Field Service Staff:—

BEAVER:— Conditions as they affected this species of splendid fur bearer following the period of complete protection which had prevailed for the past few years were sufficiently satisfactory to warrant the provision of two short periods of open season. The regulations which governed the taking of beaver during these periods provided:—

(a) An open season from March 25th to April 15th, 1939, effective in that part of Ontario north and west of the French and Mattawa Rivers and Lake Nipissing, (including the District of Manitoulin) and in the Districts of Parry Sound, Muskoka, and Nipissing (south of the Mattawa River) and the Counties of Victoria, Haliburton, Hastings, Renfrew, Lennox and Addington, Frontenac and Lanark. Trappers were authorized to take not more than ten beaver, and pelts so taken were to be disposed of by them not later than ten days after the termination of the open season.

(b) An open season from December 1st to December 21st, 1939, effective in that part of Ontario north and west of the French and Mattawa Rivers and Lake Nipissing (including the District of Manitoulin), and in the Districts of Parry Sound, Muskoka and Nipissing (south of the Mattawa River) and the Counties of Grey, Victoria, Haliburton, Hastings, Renfrew, Lennox and Addington, Frontenac and Lanark. Similar provision as in (a) as to limits of catch and disposition prevailed.

A total of 33,530 beaver were reported to have been taken during these periods, and, while this would naturally decrease the stock, sufficient numbers remained for purposes of replenishment.

FISHER:— This animal is practically extinct in Southern Ontario, and is extremely scarce in Northern Ontario. Very few taken in any single trapping season.

FOX:— Reported to be quite plentiful and showing signs of increasing in all parts of Southern Ontario except in the lower counties in the southwestern peninsula where they are reported to be scarce. They are not at all plentiful in the northern portion of the Province, though there are scattered showings of improvement.

LYNX:— Prevalent only in the northern section of the Province, and even there its numbers are extremely rare. Reports received indicate no favourable change anywhere.

MARTEN:— Conditions similar to those for fisher and lynx. It is extremely scarce in every section of the Province and there is no improvement reported.

MINK:— While there was a considerable increase in the number of pelts taken during the season, this condition cannot be construed as representing an important increase in the numbers of mink which exist throughout the Province. They are not too plentiful anywhere and while reports of increasing numbers have been received from some areas, there has been no general improvement and conditions were about normal.

MUSKRAT:— Muskrat continues to provide a very substantial portion of the revenue derived by trappers. The catch as compared with that of the previous year showed an increase of more than 35%, possibly attributable to somewhat improved conditions affecting the species and the fact that favourable weather conditions prevailed during the trapping season, which was provided by special regulation and at different periods in different areas. Notwithstanding the decided increase in the take of muskrats this species requires continued protection to assist in its development.

OTTER:— Found only in Northern Ontario and the more northerly areas of Southern Ontario. It is not too plentiful in any section and the annual catch is limited.

RACCOON:— Inhabits only Southern Ontario, where numbers remained about the same with probable slight improvement in some areas. The catch during the open season which prevailed was about normal.

SKUNK:— While this animal continues plentiful, prevailing market prices do not encourage trappers to make any special effort for the taking of the same.

WEASEL:— This species is still very plentiful throughout the entire Province, though it would appear not to be increasing to any great extent. However, as in the case of skunk, prevailing market prices are not sufficient return to encourage trappers in the taking of weasel.

Generally speaking trappers had a fairly profitable season, particularly in areas where the special open season for beaver prevailed and having in mind the increased muskrat catch.

The following comparative table shows the numbers of pelts of various species of fur-bearing animals which were exported from and dressed within the Province during the year under review in addition to the three years immediately preceding.

	1936-37	1937-38	1938-39	1939-40
Bear	476	496	363	295
Beaver	238	235	1,366	33,530
Fisher	2,117	1,463	1,467	1,382
Fox (cross)	4,156	2,426	2,164	981
Fox (red)	35,232	24,912	22,366	19,925
Fox (silver or black)	360	201	131	101
Fox (white)	17	47	142	36
Lynx	2,081	1,284	785	514
Marten	1,464	1,709	2,074	1,790
Mink	33,930	22,766	25,111	36,518
Muskrat	370,239	343,972	508,893	689,706
Otter	3,779	3,737	3,764	4,101
Raccoon	14,243	13,194	9,493	14,493
Skunk	87,950	61,576	89,100	74,176
Weasel	78,643	79,853	93,488	95,832
Wolverine	2	5	3	2

According to information compiled in the Department from reports received from various fur dealers it has been estimated that fur taken by trappers during the season of 1939-40 was worth the total sum of $2,343,648.95, which is more than twice as much as the proceeds of trapping operations produced in the previous season. A large percentage of this increase was of course attributable to the proceeds received from the sale of 33,530 beaver pelts involved which pelts have been estimated to be worth $581,745.50, and it may be interesting to note that practically all these beaver pelts were exported from the Province.

In addition to the $2,343,648.95 derived from the sale of pelts taken by trappers, it has been estimated that the sum of $1,050,463.55 was received by fur farmers from the sale of their product, so that in all the entire fur production of the Province was worth $3,394,112.50

FUR FARMING

During the year this industry continued to flourish, 1920 fur farms being licensed, an increase of seven per cent over the premises licensed in the previous year. Declaration of war just prior to the pelting season created some uncertainty and while only a few ceased operating entirely there was a general tendency to reduce breeding stock, especially silver fox.

Fur farming comprises, almost entirely, the propagation of foxes and mink. This year the mink gained an ascendancy over the silver fox. There were 1,000 fur farmers raising silver foxes in 1938 and 906 raising mink, whereas in 1939 there were 1,116 raising mink and only 918 raising silver fox, and while breeding stocks of silver foxes were reduced by twenty per cent mink increased in excess of five per cent. and it is interesting to speculate the increase there might have been had normalcy prevailed.

The subjoined comparative table shows the total breeding stock retained on these licensed premises as at the first days of January in each of the four years enumerated:-

	1937	1938	1939	1940
Beaver	21	25	2	4
Fisher	20	16	19	27
Fox (cross)	257	235	197	168
Fox (red)	207	140	120	96
Fox (silver or black)	23,869	24,848	22,923	18,327
Fox (blue)	0	0	98	209
Lynx	2	2	2	2
Mink	15,539	21,982	30,378	31,989
Muskrat	351	302	267	235
Raccoon	358	351	284	243
Skunk	5	9	6	10
Bear	15	15	15	15
Marten	4	11	15	19
Otter	0	0	0	2

The fur records of the Department show that licensed fur farmers during the year disposed of the following pelts taken from stock raised by them, viz:—

205 cross fox, 128 of which were exported and 77 tanned.

38,889 silver and black fox, 23,399 of which were exported and 15,490 tanned.

73 blue fox, 61 of which were exported and 12 tanned.

60,355 mink, 57,630 of which were exported and 2,725 tanned.

CROWN GAME PRESERVES

During the year four Crown Game Preserves were established in southwestern Ontario in accordance with the schedule appended hereto. In addition the area of the Peasemarsh Crown Game Preserve, located in the County of Grey, was enlarged. The number of these Crown Game Preserves in the Province now totals 121 covering an area of approximately 6,101,029 acres.

Designation	County	Extent in Acres
Roselands Crown Game Preserve	Halton	1,200
Oakland Crown Game Preserve	Brant	1,200
xPeasemarsh Crown Game Preserve	Grey	1,050
Waterloo Crown Game Preserve	Waterloo	1,000
J. W. Crow Sanctuary	Norfolk	800

x Enlarged.

REGULATED GAME PRESERVE AREAS

The setting aside of certain townships as Regulated Areas had a two-fold purpose, viz:—to ensure a larger measure of co-operation between the farmer and the sportsman through establishing an additional amount of control and avoiding excessive hunting in any one area; and the development of upland game birds, principally pheasants, through intensive propagation and the added degree of protection which pertains in these areas. Co-operation is stimulated by the fact that hunting in these regulated townships is restricted, and control is exercised by the simple expedient of requiring the hunter to provide himself with a special township license. These are limited in numbers so far as non-residents of the township are concerned, so that the general influx of outsiders to any one district is checked.

It should be noted that these Regulated Townships have been set aside at the request of the municipal authorities concerned, and that they have endorsed the regulations provided as tending to eliminate the friction which previously existed. The Township Councils, in view of the restrictons in force, are discouraging the posting of private lands as the success of the scheme depends upon the generous provision of hunting facilities during prescribed open seasons.

As some confusion still exists in the mind of the sportsman as to the regulations which apply, let us briefly summarize these. In the first place, these regulated areas are closed to hunting except as prescribed by the Department. Provision has therefore been made to provide an open season for pheasants and the necessary special licenses are issued for this purpose. Intense propagation of pheasants has been carried on by the Department and hundreds of birds released in each Regulated Township, in order to ensure the success of this open season. Hunters, however, must provide themselves with one of the special licenses for the township in which they desire to hunt, and must confine their pheasant shooting to the township for which the license has been purchased.

In addition to the pheasant hunting this special township license entitles the holder to hunt rabbits between November 1st and February 28th in any regulated township within the same county as that for which he possesses a pheasant license.

It will be obvious that such a Regulation provides a measure of control against overcrowding, while at the same time it offers the sportsman extensive hunting facilities within a defined area.

Other forms of hunting in these regulated townships are at the discretion of the controlling organization. Groundhog shooting, for example, may be indulged in only with the written consent of the controlling organization which is usually the township council, and the possession of the groundhog license issued by the Department.

The controlling organization in each area may also authorize the shooting of woodcock during the open season for same, but the hunter must be in possession of the regular gun license issued by the Department and the written approval of the controlling organization.

There is only one exception to the restrictions. It provides that nothing in the regulations "shall in any way apply to prohibit the hunting of wild ducks and wild geese on any Regulated Game Preserve Area where such hunting is carried on in accordance with the provisions of the Migratory Birds Convention Act and Regulations and the Game and Fisheries Act; and except that this provision shall not apply in the Township of Scarborough, County of York." The Township of Scarborough is part of the York Sanctuary for Migratory Birds. The onus of proof that he was duck hunting would be on the hunter and the suitability of the area for such must be established.

The restrictions in these areas do not apply to the trapping of fur-bearing animals, provided such is carried on in accordance with the provisions of the Game and Fisheries Act, and no firearms are used for the purpose.

We hope it will be clear to the sportsman that regulations and restrictions such as are enumerated are the result of changed conditions which must continually be faced. The land is no longer virgin forest; the public domain continues to shrink; and private ownership has rights which must not be abused. Then, too, as the country develops the population increases, and the numbers of those interested in hunting grows apace. This combination of circumstances does not lend itself to that freedom of movement in pursuit of game which has been our privilege for generations past. Gradually, therefore, we have experienced a tightening up in the interest of the game as well as the hunter. In the case of the regulated townships a compromise has been effected, which, if it receives the co-operation of all those most concerned, will do much to foster the good relations which should exist between farmer and hunter.

Additional Townships incorporated into the scheme of Regulated Game Preserve areas during the year 1939, are as follows:—

The Township of Marysburg South, in the County of Prince Edward;
The Townships of Pickering, Whitby, and Whitby East in the County of Ontario;
The Townships of Gwillimbury North and Vaughan in the County of York;
The Townships of Albion and Toronto Gore in the County of Peel;
The Townships of Esquesing and Nassagaweya in the County of Halton;
The Township of Puslinch in the County of Wellington;
The Townships of Middleton and Walsingham North in the County of Norfolk;
and
The Townships of Aldborough and Malahide in the County of Elgin.

WOLF BOUNTIES

The following is a comparative table of condensed wolf bounty statistics for the current fiscal year and the three years preceding:—

Period	Timber	Brush	Pups	Total	Bounty & Expenses
For year ending Mar. 31, 1937	1,090	1,197	31	2,318	$33,360.63
For year ending Mar. 31, 1938	1,022	837	30	1,889	27,474.24
For year ending Mar. 31, 1939	1,031	723	41	1,795	25,357.00
For year ending Mar. 31, 1940	1,107	614	22	1,743	25,058.12

Bounty is paid under the authority of the Wolf Bounty Act, R.S.O. 1937, chapter 355, which provides for basic rates of bounty, the same as in recent years, viz:—$15.00 on an adult and $5.00 on pups under the age of three months. In respect to wolves killed in a County, bounty is paid by the County Treasurer, and forty per cent of such bounty is rebated to the Counties by the Provincial Treasurer. In the northern Districts the total bounty is paid by the Province.

During the fiscal year under review 1,316 claims were considered, in which 1,301 claims were paid. Fifteen claims on animals other than wolves or in cases where insufficient evidence was submitted were rejected.

Bounty was collected by 1,012 persons, who received $25,925.00 of which $1,020.00 was paid by Counties and $24,905.00 by the Province.

Application for bounty was made on 1,753 wolves, 474 of which were killed by farmers, 443 by trappers, 405 by Indians, and the balance by rangers, guides, etc. It has been ascertained from information supplied with the various applications for bounty that 837 of the wolves were taken by snares, 387 by trap, 347 were shot, 84 by methods not reported, and the balance by poison and misadventure. Of the pelts submitted for bounty sixty-three per cent were timber wolves, thirty-five per cent brush wolves, and two per cent were pups.

The following table sets forth in detail the sources of origin of the various pelts for which application for bounty was made:—

ANALYSIS OF APPLICATIONS FOR WOLF BOUNTY

County or District	Number of Timber	Number of Brush	Number of Pups	Total Pelts
Algoma	143	85	3	231
Bruce	6	6	....	12
Cochrane	24	1	....	25
Elgin	1	....	....	1
Frontenac	3	4	....	7
Grey	2	3	1	6
Haliburton	22	2	....	24
Hastings	9	....	....	9
Huron	....	1	....	1
Kenora	272	94	7	373
Kent	....	1	....	1
Lambton	....	2	....	2
Lanark	8	....	....	8
Lennox and Addington	11	7	....	18
Manitoulin	22	87	11	120
Muskoka	32	2	....	34
Nipissing	111	27	....	138
Norfolk	....	4	....	4
Ontario	....	1	....	1
Parry Sound	80	2	....	82
Patricia	28	9	....	37
Perth	....	1	....	1
Peterboro	6	....	....	6
Rainy River	95	123	....	218
Renfrew	20	1	....	21
Simcoe	12	4	....	16
Sudbury	67	85	....	152
Thunder Bay	137	64	....	201
Victoria	....	3	....	3
Wellington	....	1	....	1
Totals	1,111	620	22	1,753

Total expenditures which were incurred in connection with the administration of the Wolf Bounty Act were the sum of $25,058.12, of which as has been previously stated, the sum of $24,905.00 was actually paid out as bounty, and details of which payments are set forth in the following table:—

Brush Wolves	38	@ $ 6.00	$ 228.00	
	576	@ $15.00	8,640.00	
	614			$ 8,868.00
Timber Wolves	75	@ $ 6.00	$ 450.00	
	1,032	@ $15.00	15,480.00	
	1,107			$15,930.00
Pups	1	@ $ 2.00	$ 2.00	
	21	@ $ 5.00	105.00	
	22			$ 107.00
TOTAL	1,743			$24,905.00

GENERAL

TOURIST OUTFITTERS:

The licensing of camps in Northern Ontario, in the area provided by the Game and Fisheries Act was continued. The demand for accommodation encouraged some expansion. Sixty-five permits were issued authorizing the establishment of new camps. Six hundred and forty-two camps were licensed—a net increase of twelve per cent.

District	Licenses		
	Non-Resident	Resident	Total
Algoma	9	83	92
Cochrane	..	5	5
Kenora	22	123	145
Manitoulin	3	52	55
Nipissing	9	90	99
Parry Sound	6	107	113
Patricia	..	2	2
Rainy River	5	22	27
Renfrew	..	10	10
Sudbury	3	59	62
Temiskaming	..	3	3
Thunder Bay	3	26	29
Total	60	582	642

DEPARTMENTAL BULLETIN:—

Conservation, as applied to wildlife, depends for its success upon public appreciation of wildlife values and an understanding of the necessity for co-operation with the Department in the many phases of its activities designed to ensure that these values will not be impaired. As a means of developing and encouraging both of these factors, the Department prepares and publishes a Bulletin covering all aspects of the conservation programme. It deals with the work of propagation and restoration and the many problems incidental to the protection and development of wildlife. It is intended to be educational as well as informative and contains life history sketches of the more important species of fish and game, as well as editorials emphasizing the value of conservation and the part the public is expected to play in supporting the work of the Department. It is non-technical in language and as a consequence has a wider public appeal. During the year it appeared at regular bi-monthly intervals with a circulation of over 1600 per issue which included the newspapers of the Province and an extensive mailing list of sportsmen and other individuals. As the material published in the Bulletin is frequently quoted in the press its sphere of influence extends beyond the limits of its mailing list.

GAME AND FISHERIES ACT:—

The Game and Fisheries Laws are an important part of the general programme of conservation. They are intended not only to regulate supply and demand, but also to ensure that natural reproductive periods will not be interfered with. Where closed seasons are in effect there is a sound biological or practical reason for same, and where open seasons are restricted it is because the particular species involved will not stand any excessive take over a lengthy period. Limits of catch and size where such are involved, are regulatory measures intended to control by providing for a reasonably equitable distribution of the available resources. A moment's thought will convince even the most indifferent that these regulations are of primary importance in the interest of the sportsman himself and the administration of the resources. That being so, it is essential that the public should be familiar with them, and that all those who hunt or fish should strictly observe the regulations. To play the game fairly according to the rules is the first essential to good sportsmanship. When, therefore, the public is urged to observe the laws it is a request for co-operation in the management of a valuable trust. Non-observance of the regulations, however unimportant the details may seem, is unfair to that ever-increasing family of sportsmen and nature lovers who conscientiously obey the laws and pursue their recreational pleasures from the highest standard of sportsmanship.

There is an additional reason why the public should accept an ever-increasing share of the responsibility for the protection and proper use of of our wildlife resources: we refer to their value—material and recreational. The material worth of this important heritage cannot be properly computed but it is not too much to suggest that thousands of our citizens derive their livelihood either directly or indirectly from this natural resource. The commercial fishing industry, the fur business, transportation companies and tourist caterers—all these are directly interested, but in addition there are the allied industries which supply food, equipment and the requirements of transportation and accommodation. This natural heritage is rich in material wealth, and, being capable of renewing itself, becomes a perpetual annuity which only our own shortsightedness will dissipate.

Amendments enacted by the Legislative Assembly and which became effective during the year included the following provisions:—

(a) The pelts of bears taken by licensed hunters not to be subject to the payment of royalty when exported or tanned.

(b) Prohibiting the use of snares for any purpose in the Counties of Dundas, Durham, Glengarry, Lanark and Stormont.

(c) Applicable in the Counties of Elgin, Haldimand, Middlesex, Oxford, Waterloo, Lambton and Welland, a daily limit of catch of six cotton-tail rabbits and prohibiting the sale or purchase of these animals.

(d) Prohibited hours for shooting to extend during the period between one-half hour after sunset and one-half hour before sunrise.

(e) Permitting the use for hunting purposes of an automatic shotgun so permanently plugged as to be capable of holding not more than three shells at one time.

(f) Prohibiting the possession or use of rifles during the open season for pheasants in areas where the said open season prevails

(g) To provide that shipping coupons be attached to deer and moose hides during transportation.

(h) To provide for the issuing of special permits to authorize the transportation of the skins or pelts of fur-bearing animals by aeroplane or by any other manner other than by express or parcel post; and providing a penalty for any violation of this Section.

(i) Authorizing non-residents to include not more than fifty wild geese lawfully killed by them among the game they are entitled to export in any one season.

(j) Providing a penalty of not less than $10.00 and not more than $100.00 for each maskinonge taken contrary to the Regulations which apply.

(k) Making it necessary to secure the approval of the Department before any lease may be issued subsequent to the promulgation of this Regulation granting exclusive fishing rights to any person in any stream or lake which has been stocked with fish by the Department at any time after May 1st, 1934.

ENFORCEMENT SERVICE

To protect the resources which make hunting and fishing possible it is necessary to maintain a large number of law enforcement officers. To curb game law violators is just as essential as restocking our lakes and streams, and the pity is that it should be necessary. The regulations are restrictive only as necessity demands, while the limits are generous enough to satisfy all reasonable requirements. That being so there appears to be little reason for violations, and yet the toll of destruction by illegal means is too high to lightly pass over.

It will be obvious to the sportsman who is concerned with the future of his sport that waste and extravagance are unnecessary evils which tax to the limit the reproductive capacity of our wild life, aided by artificial propagation, to maintain a normal supply to meet what, after all, is an abnormal demand. In order that our fish and game resources may be wisely used for the benefit of the greatest number, protective measures, and protective officers to enforce these regulations are necessary, but these can only function effectively when backed by the co-operation of the sportsman and the weight of public opinion.

This enforcement service is provided by a staff of some ninety regular overseers, whose services are augmented by the co-operation of members of the Ontario Provincial Police Force, while during the critical spring spawning period and in the fall hunting season the services of sixty-two seasonal employees were retained to provide additional patrol in the more important spawning and hunting areas.

Appointments as Deputy Game and Fisheries Wardens were provided to more than nineteen hundred sportsmen who interest themselves in providing whatever assistance it is possible for them to render in securing effective observance of the various provisions of the Game and Fisheries Act and Regulations in the areas in which they reside and visit for recreational purposes, and the value of this co-operation in controlling and preventing the abuse of sporting privileges it is difficult to estimate.

During 1939-40 there were some 1,779 cases in which offenders were apprehended by the various enforcement officers and in which cases various articles of fishing, hunting and trapping equipment, game, fish and the pelts of fur-bearing animals were seized at the time of apprehension. Reference to the various reports of seizure submitted to the Department by the officers concerned indicates that such seizures were made by Game and Fisheries Overseers in 1,578 cases, by Deputy Game and Fisheries Wardens in 75 cases, by members of the Ontario Provincial Police force in 32 cases, while in the remaining 94 cases the seizures were undertaken by co-operative action among Overseers, Deputy Game Wardens and Provincial Police.

Summarized the articles confiscated are as follows:—

Live animals	in 11 cases
Birds, game animals and meat	in 189 cases
Firearms and ammunition	in 651 cases
Fish	in 235 cases
Nets and Fishing equipment	in 257 cases
Fishing tackle (angling)	in 130 cases
Pelts and Hides	in 346 cases
Traps and Trapping equipment	in 179 cases
Water Craft	in 28 cases
Motor Vehicles	in 9 cases
Lights	in 26 cases
Spears	in 71 cases
Miscellaneous articles	in 60 cases

By reason of the fact that various entries are included on some seizures there is some apparent discrepancy in these figures when compared with the actual number of seizures reported. This is explained when it is understood that reports in many cases include traps and pelts, firearms and game, fishing tackle and fish, commercial fishing nets and boats, furs and motor vehicles, traps and pelts, and lights, spears and fish.

Included among the furs which were seized were 325 beaver, 29 fox, 97 mink, 1,067 muskrats, 11 otter, 53 raccoon, 80 weasel and smaller lots of skunk, fisher, marten and bear, while some 82 deer hides were also seized.

The firearms seized included 103 heavy calibre rifles, 286 .22 calibre rifles, 115 single barrel shotguns, 118 double barrel shotguns, 44 repeating shotguns, 2 automatic shotguns, 3 revolvers and 15 air guns.

Prosecution was undertaken in 1,387 cases, the actions being instituted by Game and Fisheries Overseers in 1,315 cases, by Provincial Police in 56 cases, by Deputy Game Wardens in 13 cases and by co-operative action in 3 cases. In 1,303 of these actions convictions were registered, 69 charges were dismissed, and in 15 cases the charges were withdrawn.

THE FISH CULTURE BRANCH

Fish are of absorbing interest to many people. The small boy takes as much pride in his string of perch or catfish as the man in his trout or black bass. Even the angler who has patiently endeavoured to land a fish and returns home empty-handed, carries with him the memory of pleasant and beautiful surroundings. Peaceful hours spent in hopeful vigilance are a wonderful mental incentive and the imagination is given valuable exercise.

The hardy fisherman who wrestles a livelihood from the vast waters of the Great Lakes and other commercially fished waters is chiefly concerned with the size and maintenance of the catch, amount and condition of gear, market value of fish, price of ice, salt, gasoline, and the state of the weather.

Among others interested in Ontario's fish and fisheries are the retailer, consumer and government agencies.

Our Department has been careful to see that the fish are properly conserved and, by means of protective and propagatory measures, the supply has been maintained at a high level.

HATCHERIES AND REARING STATIONS

Facilities were provided during the fiscal year 1939-40 for the hatching, rearing and distribution of fish in a satisfactory and effective manner.

During the year the Department operated twenty-seven hatcheries and rearing stations.

The new trout rearing station at Hill's Lake, vicinity of Charlton, Timiskaming district, was operated for the first time. This station includes a modern fish hatchery of adequate dimensions, consistent with an adequate and suitable water supply. The hatchery proper can accommodate three million trout eggs in a satisfactory manner. Fifteen raceways and four ponds are provided for rearing large numbers of trout to the fingerling and yearling stages. In addition to these a pond is provided for parent trout in order to maintain a satisfactory egg supply, thus making the hatchery self-sustaining.

Temporary and subsidiary ponds were constructed in the vicinity of Brighton, Northumberland county, to accommodate surplus trout during the fry and fingerling stages.

The Belleville fish hatchery was dismantled since the operations conducted there can be carried out more economically and effectively at the Glenora fish hatchery, by making use of the Belleville equipment.

The construction of ponds for bass propagation is of very great value by supplementing the work of nature in maintaining this very desirable game fish. Three additional ponds were used for bass propagation at the Sandfield station, Manitoulin Island, five at the Skeleton Lake station, Ullswater, Muskoka district, and one in the vicinity of Havelock, Peterborough county. Nine of these ponds were used for wintering trout fingerlings for distribution as yearlings the following spring.

A hatchery and pond located at the outlet of Deer Lake, vicinity of Havelock, Peterborough county, were successfully used for the first time for the propagation of maskinonge, in conjunction with a minnow forage pond. In addition to this, a suitable area comprising approximately ten acres was set aside on Stony Lake, Peterborough county, for the purpose of studying in an experimental way the conditions required for the successful production of maskinonge in natural areas.

THE CULTURE AND DISTRIBUTION OF FISH

Generally speaking, excellent progress was made in the culture and distribution of the various species of fish handled. In this regard particular mention is made of speckled trout, brown trout, small-mouthed black bass, maskinonge and yellow pickerel, since the year's distribution of these species surpassed all previous records. For the first time in the history of the Department, maskinonge were reared to sizeable fingerlings by the pond method.

Speckled Trout:

The following statistics indicate the success being achieved and the progress made in regard to the culture and distribution of yearling and older stages of this important native fish.

1936	563,351
1937	1,183,223
1938	2,087,990
1939	2,982,874

In 1939, three hundred and thirty-seven thousand fingerlings were also distributed. The distribution of fingerlings is undertaken if the number on hand cannot be accommodated in the hatcheries.

Brown Trout:

During the year, 375,070 yearlings and 29,954 fingerlings were planted in suitable streams in southern Ontario. The number of yearlings planted was more than six times that of the previous year. A comparatively small number of fingerlings were also planted. The result of the distribution of brown trout on the fishing in streams of southern Ontario is most encouraging.

Rainbow Trout:

(a) Steelhead trout

Good progress was made in regard to the rearing of rainbow trout yearlings; an increased production of 244 per cent was obtained as compared with that of the previous year.

(b) Kamloops trout

An increased distribution of fingerlings of this valuable game fish, amounting to 306.6 per cent, was obtained. The plan suggested in the previous annual report of the Department, namely, to plant yearlings of this variety is being developed satisfactorily and may be realized next year.

Lake Trout:

There was a decrease of 10 per cent in the distribution of the sum total of eyed eggs and fry; and a decrease of 5.8 per cent in the distribution of fingerlings.

Rough and stormy weather on the Great Lakes in the fall of 1938 was responsible to a great extent for this reduction. The Department relies entirely on the collection of lake trout spawn by the commercial fishermen, assisted by the Department's hatchery officers and spawntaking crews.

Whitefish:

There was an increase of approximately 0.9 per cent in the distribution of whitefish fry as compared with that of the previous year.

Herring:

The distribution of herring fry was reduced by 22.5 per cent. Fluctuations in the number of herring fry available from year to year may be correlated with the size of the run and weather conditions.

Yellow Pickerel:

There was an increased distribution of fry amounting to approximately 20.6 per cent over that of the previous year.

Following the usual practice approximately two million eyed eggs were handled by the Sparrow lake hatchery, the fry being distributed in suitable places in Sparrow lake.

Eyed pickerel eggs were exchanged with the State of Pennsylvania for eyed brown trout eggs.

Small-mouthed Black Bass:

Exceptionally good progress was made in the culture of small-mouthed black bass. The percentage increases of fry and fingerlings were 72.4 and 33.3 per cent, respectively.

As a result of bass harvesting operations, approximately the same number of yearlings and adults were distributed as in the previous year. The harvesting operations were carried out on Fox Lake, Kenora district; Bass lake, Rainy River district; and Little Gull Lake, Haliburton county.

A number of large-mouthed black bass fingerlings were harvested from Wiltse Creek, Leeds county, and Stony lake, Peterborough county.

Yellow Perch:

The distribution of perch fry showed an increase of 22.3 per cent over that of the previous year, due to a good run of this desirable commercial species in the vicinity of their natural spawning grounds at the west end of Lake Erie.

The perch eggs were collected in the vicinity of Kingsville under supervision of our hatchery officers, and cultured to the fry stage in the Kingsville hatchery. In view of the commercial value of the perch, this work is of considerable importance.

Maskinonge:

The distribution of maskinonge fry was approximately 33.4 per cent greater than that of the previous year. This was due to the successful operation of the new hatchery located at the outlet of Deer Lake, vicinity of Havelock, Peterborough county.

For the first time in the history of the Department, maskinonge fingerlings (three to eight inches in length) were reared by the pond method. Although the number reared, namely 1,300, appears small, it should be remembered that this was an initial trial, and gives promise of greater success in the future.

Our previous experiments revealed that there were two important factors which should not be overlooked in the culture of maskinonge, namely:

(1) Providing a suitable and abundant food supply

(2) Preventing cannibalism, which invariably occurs in the absence of protection or lack of proper food staples.

A culture of Daphnia was introduced and the pond was fertilized with suitable quantities of sheep manure and superphosphate throughout the season. A typical maskinonge environment was simulated as closely as possible by planting aquatic and semi-aquatic vegetation. Special efforts were made to provide as much leafy vegetation as possible in order to protect the young maskinonge from each other and from other predators.

A small pond adjacent to the maskinonge pond was used for the culture of the blackhead minnow. The progeny of this important forage fish was used as food for the growing maskinonge throughout the season. It was found necessary to supplement the food requirements with minnows harvested from natural waters.

In addition to this experiment, an effort was made to determine the possibilities of rearing maskinonge to fingerling sizes in a natural area. Dr. Paul F. Elson of the Department of Biology, University of Toronto, undertook this particular phase of the field work under the supervision of the Department. The area selected was a marshy bay about ten acres in extent, located on Stony Lake in the vicinity of Burleigh Falls, Peterborough county. The area was closed off from adjacent waters by barriers across the two ends, which were respectively 50 feet and 150 feet wide. Screens were placed in the barriers to allow circulation of water. The area is a natural spawning ground for maskinonge and, hence, should be suitable for raising these fish. The water throughout the area is from three to five feet deep; the bottom is deep muck, permitting a rich growth of weeds. When the area was closed off, coarse fish and other predators were netted out, sometime before and after the maskinonge fry were planted. Altogether 17,883 coarse fish and 563 turtles were removed from the area. Less than one-third of the coarse fish, and slightly over one-half of the turtles, were removed previous to the planting of the maskinonge fry. On June 4th, 100,000 maskinonge fry, about three weeks old, and approximately five-eighths of an inch long, were planted throughout the area in locations where natural food was most abundant. At this time they were feeding on small aquatic animals, including water fleas. These crustacea were present in vast swarms near patches of cat-tail and marsh grass. About mid-June the maskingonge commenced to feed on minnow fry, which were abundant. Growth of the young maskinonge under natural conditions is amazing, as is indicated by the following table:

Date	June 6	July 5	Aug. 1	Sept. 1	Oct. 1	Nov. 1
Length of fish in inches	5/8"	3"-5"	4"-7"	6"-8"	7"-9"	8"-11½"

Seventeen fish taken in November averaged between 9½ to 10 inches in length. The results of the first season's work may be summed up as follows:

1. The rate of growth is very rapid during the first six months, the fish reaching a length of approximately ten inches by that time.
2. A study of the food of the growing maskinonge showed that the areas furnished abundant food for the very young and more advanced stages.
3. The young maskinonge remain in the area until the first of November which indicates the advisability of planting hatchery raised fish in such areas.
4. Large numbers of undesirable predators occur in such areas.
5. Eighty-one advanced fingerlings were recovered, that is, a yield of 0.8 advanced fingerlings for each 1,000 fry planted. It is believed that a considerable number of fingerlings were not recovered. Many predator fish, namely, perch and rock bass remained in the area throughout much of the experiment and these would undoubtedly cut down the yield.
6. It is safe to say that while the results obtained the first year of the experiment were promising, much better results might be expected.
7. There is evidence to show that there is a migration of fish from such areas in the fall and that sometime during the first year the maskinonge move out, and that these movements might be used to advantage for harvesting purposes.

CLOSED WATERS

One of the most promising methods of conserving the breeding stock of black bass and maskinonge is to set aside portions of natural water areas. In these areas the fish thrive without interference and spread to other parts of the same stream or lake. In this way a permanent breeding stock is set up and we take each year only the natural increase from it.

Closures of all such areas (with one exception) in the Kawartha watershed were extended for a further period, and the same principle is being extended to important sections of the Rideau watershed.

In addition to the waters already closed for the natural protection and propagation of fish, the following were closed during the year, April 1, 1939, to March 31, 1940:

BLACK RIVER,
Townships of Charlottenburg, County of Glengarry, Annual Closure, May 15 to June 20, inclusive.

CRAFT'S CREEK,
Townships of Mountjoy, Jessop and Murphy, District of Cochrane.

DEEP BAY,
Township of Matchedash, County of Simcoe.

EMERALD LAKE,
Township of Parkman, District of Nipissing.

FINNIE'S CREEK,
Townships of Charlottenburg and Lancaster, County of Glengarry, Annual closure, May 15 to June 20, inclusive.

LITTLE JOCKO RIVER,
West from Timiskaming Road, known as Morrow's Dam, east to the outlet in the big Jocko River, District of Timiskaming.

NASH'S CREEK or HOASIE'S CREEK
Township of Williamsburg, County of Dundas, during the closed season for black bass.

OPINICON LAKE (Portion locally known as Drowned Land),
Township of Crosby South, County of Leeds.

OSBORNE, RAINBOW and HILL LAKES,
Township of Bridgland, District of Algoma.

PUMPHOUSE CREEK,
Townships of Cartier and Hart, District of Sudbury.

SUTHERLAND'S CREEK,
Township of Lancaster, County of Glengarry,
Annual closure, May 15 to June 20, inclusive.

WOODCOCK LAKE,
West of Restoule Lake in the Township of Patterson, District of Parry Sound.

BIOLOGICAL SURVEYS

Biological surveys were conducted in **Timiskaming district** on Bear, Beaverhouse, Butler, Crystal, Dorothy, Joyce, Lawgraves, Mousseau and Sinkhole lakes, tributaries and headwaters of Boston creek, tributary of Crooked creek; in **Cochrane district** on Bobs, Elexo, Fahy, Graves, Horseshoe, Jean, Mary and Tom lakes, Jacob's creek; and in **Peel county** on Caledon lakes, Caledon township.

The lagoons of Toronto Islands were studied to determine their suitability for large-mouthed black bass.

Catfish creek in the vicinity of Aylmer was studied from the standpoint of the effects of effluents from gas wells on fish life.

A study was made of the effect of a dam at the outlet of Buck Lake, Bedford township, Frontenac county, on the fish and aquatic life in the lake.

The Ontario Fisheries Research Laboratory of the Department of Biology, University of Toronto, continued field and laboratory studies of lakes and streams in Algonquin Park during 1939-40. An account of this important work was embodied in the report of the previous year.

ACKNOWLEDGMENTS

It is but fitting that acknowledgment be made of the splendid co-operation and assistance received from the many Fish and Game Protective Associations throughout the Province as well as from the Northern Ontario Tourist Trade Association, and the members of both groups. The result of this organized effort among those directly interested in our fish and game resources is reflected in the general attitude of sportsmen towards the protection of this division of our Provincial natural resources. Never before has the public generally been more conservation minded, and the part played by these Associations in bringing about this happy state of affairs is greatly appreciated.

Members of the inside staff as well as the field service of the Department have as a general rule performed their duties conscientiously, and in their dealings with the public have been courteous and helpful, having in mind the various interests and activities of the Department.

All of which is respectfully submitted.

I am, Sir,
Your obedient servant,

D. J. TAYLOR.
Deputy Minister of Game and Fisheries

Toronto,
March 31st, 1941.

APPENDIX No. 1

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS APRIL 1st, 1939, to MARCH 31st, 1940.

LARGE-MOUTHED BLACK BASS

FINGERLINGS

Halton:	
Twelve Mile Creek	1,200
Peterborough:	
Upper Stony Lake	690

ADULTS

Peterborough:	
Stony Lake	497

SMALL-MOUTHED BLACK BASS

FRY

Bruce:	
Chesley Lake	10,000
Saugeen River	10,000
Carleton:	
Ottawa River	15,000
Frontenac:	
Crow Lake	5,000
Loughborough Lake	5,000
Sydenham Lake	5,000
Hastings:	
Baptiste Lake	10,000
Bass Lake	10,000
Big Salmon Lake	5,000
Burnt Lake	5,000
Crow River	5,000
Gull Lake	5,000
Gunter Lake	5,000
Jordon Lake	5,000
Moira Lake	10,000
Moira River	10,000
Oak Lake	10,000
Otter Lake	10,000
Parks Creek	5,000
Pine Lake	5,000
Spring Lake	5,000
Stoco Lake	5,000
Tongamong Lake	5,000
Trent River	10,000
Trout Lake	5,000
Wadsworth Lake	5,000
Woods Lake	5,000
Huron:	
Lake Lakelet	10,000
Lambton:	
Sydenham River	20,000
Lanark:	
Long Lake	5,000
Mississippi Lake	10,000
Mississippi River	5,000
Pike Lake	5,000
Lennox-Addington:	
Beaver Lake (South)	5,000
Cedar Lake	5,000
Donohue Lake	5,000
Duck Lake	5,000
Lime Lake	5,000
Loon Lake	5,000
Salmon River	5,000
Shircliff Lake	5,000
Weslemkoon Lake	5,000
White Lake	5,000
Muskoka:	
MacKay Lake	5,000
Prospect Lake	5,000
Norfolk:	
Little Lake	10,000
Northumberland:	
Silver Lake	20,000
Trent River	60,000
Ontario:	
Lake St. John	20,000
Parry Sound:	
Bass Lake	5,000
Blackstone Lake	5,000
Clear Lake	5,000
Crane Lake	5,000
Hamers Lake	5,000
Horseshoe Lake	5,000
Isabella Lake	5,000
Lake Joseph	5,000
Lake Rosseau	5,000
Lynch Lake	5,000
Massie Lake	5,000
Portage Lake	5,000
Rainey Lake	5,000
Rankins Lake	5,000
Ruth Lake	5,000
Silver Lake	5,000
Sucker Lake	5,000
Trout Lake	5,000
Turtle Lake	5,000
Wolf Lake	5,000
Peterborough:	
Barney's Lake	5,000
Big Beaver Lake	5,000
Big Cedar Lake	5,000
Buckhorn Lake	15,000
Catchacoma Lake	5,000
Chemong Lake	10,000
Clear Lake	10,000
Connelly Lake	5,000
Cox Lake	5,000
Crab Lake	5,000
Crystal Lake	10,000
Deer Bay	10,000
Deer Lake	5,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940.

SMALL-MOUTHED BLACK BASS
—Continued

Peterborough—Continued

Eel's Lake	15,000
Indian River	5,000
Jack's Lake	15,000
Kashnabog Lake	10,000
Katchawanooka Lake	5,000
Little Lake	10,000
Little Cedar Lake	5,000
Little Mud Lake	5,000
Little Trout Lake	10,000
Long Lake	5,000
Loon Lake	10,000
Lovesick Lake	10,000
Mississauga Lake	5,000
Mississauga River	5,000
Oak Lake	10,000
Otonabee River	5,000
Pencil Lake	5,000
Pigeon Lake	10,000
Salmon Lake	20,000
Sandy Lake	5,000
Stony Lake	5,000
Trent River	5,000
Trout Lake	5,000
Twin Lakes	5,000
White Lake	10,000

Prince Edward:

Black Lake	10,000
Roblins Lake	5,000
West Lake	10,000

Renfrew:

Barry's Bay	10,000
Calabogie Lake	10,000
Constant Lake	5,000
Hurd's Lake	10,000
Jack's Chutes	15,000
Madawaska River (Hydes' Bay)	10,000
Mink Lake	10,000

Simcoe:

Black Lake	10,000
Deep Bay Sanctuary	20,000
Gloucester Pool	20,000
Kempenfeldt Bay	20,000
Little Lake	20,000
Six Mile Lake	20,000

Sudbury:

Ella Lake	6,000
Fairbanks Lake	5,000
Johnny Lake	5,000
Lake Agnew	7,500
Lake Penage	10,000
Whitewater Lake	7,500

Victoria:

Balsam Lake	20,000
Burnt River	20,000
Cameron Lake	40,000
Head Lake	10,000
Lake Dalrymple	30,000
Mud Turtle Lake	30,000
Pigeon Creek	20,000
Pigeon Lake	20,000
Silver Lake	10,000
Smudge Lake	20,000
Sturgeon Lake	30,000

Waterloo:

Grand River	10,000
Paradise Lake	10,000
River Nith	10,000

Wellington:

Allan's Dam	10,000
Puslinch Lake	10,000
River Speed	10,000

York:

Lake Simcoe	20,000

FINGERLINGS

Algoma:

Alma Lake	500
Appleby Lake	500
Bass Lake (Aberdeen)	750
Bass Lake (Striker)	500
Birch Lake	500
Boundary Lake	500
Caribou Lake	500
Carpenter Lake	500
Cloudy Lake	500
Cummings Lake	500
Darrell Lake	500
Desbarats Lake	750
Diamond Lake	500
Duborne Lake	500
Duck Lake	500
Elbow Lake	500
Friendly Lake	750
Gordon Lake	1,000
Iron Lake	750
Lauzon Lake	500
Little Clear Lake	500
Lonely Lake	750
Lost Lake	500
Marie Lake	500
McCarroll Lake	500
Miller Lake	500
Mine Lake	500
Mountain Lake	500
Prospect Lake	500
Rock Lake	500
Stuart Lake	500
Unnamed Lake (U. Tp.)	500

Brant:

Grand River	65
Mohawk Lake	2,000

Bruce:

Berry's Lake	1,000
Boat Lake	1,000
Isaac Lake	1,000
Pine River	1,000
Saugeen River	1,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

SMALL-MOUTHED BLACK BASS
—Continued

Cochrane:	
Departure Lake	500
Durham:	
Pigeon River	1,000
Elgin:	
Pinafore Lake	500
Union Pond	500
Frontenac:	
Bass Lake (Olden)	500
Bass Lake (Bedford)	1,000
Big Clear Lake	1,000
Big Gull Lake	1,000
Big Lake	750
Black Lake	750
Blue Lake	500
Bobs Lake	1,000
Brule Lake	1,000
Buck Lake	3,000
Collins Lake	1,000
Cranberry Lake	1,000
Cross Lake	1,000
Crotch Lake	1,000
Crow Lake	1,000
Draper Lake	1,000
Eagle Lake	1,750
Fortune Lake	1,000
Green Bay	500
Gull Lake	1,250
Horseshoe Lake	1,000
Kashwakamak Lake	1,000
Long Lake (Olden)	1,000
Long Lake (Portland)	500
Loughborough Lake	1,000
Mink Lake	500
Mississagagon Lake	2,000
Pine Lake	750
Rock Lake	500
St. George Lake	500
Salmon River	1,000
Sand Lake	1,000
Sharbot Lake	1,000
Spectacle Lake	500
Sunday Lake	1,000
Sydenham Lake	1,000
Wolfe Lake	1,000
Grey:	
Mountain Lake	1,000
Haldimand:	
Grand River	3,000
Haliburton:	
Black Lake	750
Devils Lake	500
Gull Lake	500
Halton:	
Twelve Mile Creek	2,000

Hastings:	
Bow Lake	500
Gunter Lake	500
Little Salmon Lake	500
Huron:	
Maitland River	1,000
Lanark:	
Bennet Lake	1,000
Black Lake	750
Christie Lake	1,000
Clear Lake	500
Dalhousie Lake	750
Kerr's Lake	750
Patterson's Lake	750
Rideau Lake	1,000
Robertson Lake	500
Round Lake	750
Silver Lake	1,000
Spectacle Lake	500
Leeds:	
Benson Lake	1,000
Big Rideau	750
Charleston Lake	1,000
Crow Lake	750
Gananoque Lake	750
Grippen Lake	750
Little Cranberry Lake	1,000
Little Rideau	500
Loon Lake	750
Lower Beverley Lake	750
Lower Rideau	1,000
Newboro Lake	1,000
Opinicon Lake	1,000
St. Lawrence River	2,500
Sand Lake	1,500
Singleton Lake	500
South Lake	750
Traynor Lake	750
Whitefish Lake	1,000
Lennox-Addington:	
Mazinaw Lake	1,000
Manitoulin:	
Manitou Lake	1,000
McGregor Bay	2,000
Middlesex	
Thames River	10,000
Muskoka:	
Bass Lake	750
Clearwater Lake	750
Crooked Lake	2,000
Dickie Lake	1,000
Kahshe Lake	500
Leonard Lake	500
Long Lake	500
Longford Lake	2,000
Menominee Lake	1,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

SMALL-MOUTHED BLACK BASS —Continued

Muskoka—Continued

Muskoka Lake	500
Riley Lake	500
Round Lake	1,000
Severn River	2,000
Six Mile Lake	2,000
Tookes Lake	1,000
Trading Lake	200

Nipissing:

Bear Lake	1,500
Blackwater Lake	500
Bruce Lake	1,000
Cache Lake	500
Champlain Lake	500
Chibogamog Lake	500
French River	1,500
Little Martin Lake	1,000
Long Lake	1,000
Martin Lake	1,000
McPhee Lake	1,000
Moore Lake	500
Muskosung Lake	500
Nipissing Lake	2,500
Nosbonsing Lake	500
Opechee Lake	1,000
Poplar Lake	1,000
Rainey Lake	500
Rock Island Lake	1,000
Sawyer Lake	500
Spruce Lake	1,000
Talon Lake	1,000
Tilden Lake	1,000
Timagami Lake	1,000
Tomiko Lake	1,000
Turtle Lake	500
Wickstead Lake	1,000

Norfolk:

Oakland Pond	210
Sutton's Pond	3,000

Ontario:

Mud Lake	1,000
Severn River	1,000

Parry Sound:

Ahmic Lake	500
Arthur Lake	500
Bass Lake	750
Beaver Lake (Bethune)	500
Beaver Lake (Croft)	500
Beaver Lake (Foley)	500
Blackwater Lake	500
Brimson Lake	500
Burnt Lake	500
Caribou Lake	500
Cecebe Lake	500
Charter Lake	750
Clear Lake	750
Coles Lake	500
Commanda Lake	750
Crooked Lake	750
Deer Lake (Ferry)	500
Deer Lake (Lount)	1,000
Deer Lake (Wilson)	500
Dobbs Lake	750
Doe Lake	500
Duck Lake	500
Eagle Lake	2,000
Etta Lake	500
Horseshoe Lake	500
Island Lake	750
Kawigamog Lake	500
Kidd Lake	500
Little Clam Lake	500
Little Long Lake	500
Long Lake	750
Manitowaba Lake	500
Many Island Lake	500
Mary Jane Lake	500
McQuaby Lake	500
McVeety Lake	500
Memesagamesi Lake	1,000
Miners Lake	750
Moose Lake	500
Morgan's Bay	1,000
Mud Lake	500
Nipissing Lake	500
Pickerel Lake	500
Pickerel River	500
Pipe Lake	500
Portage Lake	500
Rainey Lake	750
Restoule Lake	750
Round Lake	500
Seagull Lake	500
Sequin River	500
Shebeshekong Lake	500
Shells Lake	500
Shoal Lake	750
Spring Lake	500
Stanley Lake	750
Stormy Lake	750
Tea Lake	750
Toad Lake	500
Wilson Lake	500
Wolf River	500
Woodcock Lake	500

Peterborough:

Belmont Lake	850
Buckhorn Lake	1,000
Round Lake	1,000
Stony Lake	2,000

Renfrew:

Green Lake	750
Lake Dore	1,000
Olmstead Lake	1,000

Simcoe:

Gloucester Pool	1,000
Nottawasaga River	1,000
Park Lake (Tay Township)	1,000

Stormont:

St. Lawrence River	1,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

SMALL-MOUTHED BLACK BASS —Continued

Sudbury:	
Beaver Lake	500
Bowes Lake	500
Charlton Lake	500
Cranberry Lake	500
Cutler Lake	500
Emerald Lake	1,000
French River	1,000
Frood Lake	500
LaCloche Lake	500
Maple Lake	500
Nepahawin Lake	500
Nipissing Lake	500
Ramsay Lake	500
Third Lake	750
Trout Lake	500
Wanapitei River	500
Whitson Lake	500
Timiskaming:	
Baarts Lake	500
Bass Lake	500
Beaverhouse Lake	500
Butler Lake	500
Davis Lake	500
Emerald Lake	500
Herridge Lake	500
Sesekinika Lake	500
Victoria Lake	500
Waterloo:	
Dean's Lake	1,000
York:	
Lake Simcoe	750

YEARLINGS AND ADULTS

Bruce:	
Wiarton Bay	150
Haliburton:	
Big Bob Lake	125
Blue Hawk Lake	125
Bradys Lake	125
Canning Lake	125
Cranberry Lake	125
Davis Lake	125
Deer Lake	90
Elephant Lake	130
Grass Lake	125
Grass River	125
Head Lake	130
Horseshoe Lake	125
Hurricane Lake	130
Kashagawigamog Lake	225
Koshlong Lake	125
Rainbow Lake	130

Kenora:	
Birch Lake	100
Corner Lake	38
Dryberry Lake	78
Eva Lake	80
Laurenson's Lake	60
Long Lake	37
Longbow Lake	98
Mack Lake	113
Sabaskong Bay	399
Landlocked Lake—Winnipeg River	85
Manitoulin:	
Lake Manitou	468
Muskoka:	
Buck Lake	100
Clearwater Lake	100
Deer Lake	100
Lake Muskoka	100
Lake Rosseau	100
Skeleton Lake	220
Wood Lake	100
Norfolk:	
Gravel Pit Pond	50
Little Lake	56
Oakland Pond	23
Sutton's Pond	100
Waterford Gravel Pit Pond	100
Waterford Pond	100
Parry Sound:	
Beaver Lake	100
Gooseneck Lake	100
Jack's Lake	100
Limestone Lake	100
Loon Lake	100
Magnetawan River	100
Manson Lake	100
Shawanaga Lake	100
Trout Lake	100
Wawashkesh Lake	100
Whitestone Lake	100
Peterborough:	
Belmont Lake	53
Deer Lake	52
Round Lake	51
Stony Lake	17
Rainy River:	
Clearwater Lake	125
Little Pete Lake	360
One-Sided Lake	206
Thunder Bay:	
Kashabowie Lake	135

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS

April 1st, 1939, to March 31st, 1940—Continued

MASKINONGE

EGGS

Peterborough:	
Experimental purposes	120,000

FRY

Carleton:	
Rideau River	25,000
Grenville:	
Rideau River	25,000
Hastings:	
Bay of Quinte	10,000
Crow River	15,000
Ketcheson Creek	5,000
Moira Lake	25,000
Moira River	25,000
Sears Lake	15,000
Stoco Lake	25,000
Tongamong River	25,000
Trent River	25,000
Unamed Stream near Frankford	5,000
Whetstone River	25,000
Leeds:	
St. Lawrence River	25,000
Muskoka:	
Kahshe Lake	25,000
Sparrow Lake	25,000
Nipissing:	
Lake Nipissing	25,000
Northumberland:	
Rice Lake	100,000
Trent River	130,000
Ontario:	
Lake St. John	20,000
Peterborough:	
Belmont Lake	50,000
Buckhorn Lake	50,000
Clear Lake	200,000
Deer Bay	100,000
Indian River	50,000
Kashabog Lake	25,000
Katchawanooka Lake	65,000
Lake Chemong	100,000
Little Lake	10,000
Little Mud Lake	25,000
Lovesick Lake	50,000
Otonabee River	50,000
Pigeon Lake	100,000
Round Lake	50,000
Stony Lake	100,000
Trent River & Rice Lake	50,000
White Lake	25,000
Prince Edward:	
Muscote Bay	25,000
Smith's Bay	25,000
West Lake	15,000
Renfrew:	
Bass Lake	10,000
Black Lake	15,000
Cory Lake	15,000
Cushene Lake	15,000
Otterson Lake	10,000
Petawawa River	10,000
Redbridge Lake	20,000
Simcoe:	
Severn River	50,000
Thunder Bay:	
Lac des Mille Lacs	5,000
Victoria:	
Balsam Lake	50,000
Burnt River	25,000
Cameron Lake	75,000
Gull River	25,000
Lake Dalrymple	25,000
Mud Turtle Lake	25,000
Pigeon Creek	50,000
Pigeon Lake	50,000
Pigeon River	200,000
Scugog Lake	50,000
Silver Lake	15,000
Sturgeon Lake	150,000
Waterloo:	
Nith River	15,000
Wentworth:	
Hamilton Bay	5,000

FINGERLINGS

Peterborough:	
Belmont Lake	30
Clear Lake	70
Katchawanooka Lake	500
Pigeon Lake	500
Stony Lake	200

PERCH

FRY

Lake Erie	70,360,000
Lake St. Clair	2,000,000

PICKEREL

EYED EGGS

Exchange	5,000,000
Sparrow Lake	2,000,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS

April 1st, 1939, to March 31st, 1940—Continued

PICKEREL—Continued

FRY

Algoma:

Allan Lake	700,000
Anjigami Lake	200,000
Bear Lake	400,000
Bright Lake	250,000
Caribou Lake	200,000
Cummings Lake	250,000
Dean Lake	100,000
Desbarats Lake	150,000
Echo Lake	100,000
Gordon Lake	400,000
Goulais River	300,000
Granary Lake	500,000
Hill Lake	150,000
Horseshoe Lake	250,000
Lake of the Mountains	300,000
Little Basswood Lake	500,000
Little Clear Lake	500,000
Pipe Lake	250,000
Rock Lake	450,000
Round Lake	100,000
Spanish River	500,000
Sugar Lake	250,000

Bruce:

Agar Lake	500,000
Boat Lake	250,000
Chesley Lake	500,000
Isaac Lake	500,000
Sky Lake	250,000

Carleton:

Ottawa River	500,000

Cochrane:

Carman Bay	60,000
Frederick House Lake	80,000
Frederick House River	250,000
Night Hawk River	80,000
Redstone River	60,000
Reid Lake	70,000
Remi Lake	200,000
Silver Queen Lake	80,000

Frontenac:

Antoine Lake	250,000
Bass Lake	200,000
Big Clear Lake	300,000
Big Gull Lake	850,000
Big Lake	200,000
Bobs Lake	750,000
Crosby Lake	500,000
Cross Lake	300,000
Crotch Lake (Kennebec)	200,000
Crotch Lake (Palmerston)	800,000
Crow Lake	250,000
Green Lake	300,000
Green Bay Lake	250,000
Gull Lake	850,000
Horseshoe Lake	200,000
Kashwakamak Lake	1,250,000
Long Lake (Olden)	200,000
Long Lake (Portland)	250,000
Malcolm Lake	300,000
Mink Lake	500,000
Mississagagon Lake	500,000
Mississippi River	1,000,000
Red Pine Lake	250,000
Round Lake	250,000
Sand Lake	250,000
Second Depot Lake	100,000
Sydenham Lake	400,000
Upper Rideau	1,000,000
West Rideau	250,000

Grenville:

Nation River	500,000
Rideau River	500,000

Grey:

Mountain Lake	250,000

Haldimand:

Grand River	1,000,000

Haliburton:

Cauntaus Lake	1,000,000
Elephant Lake	1,000,000
Paudash Lake	1,500,000
Wolf Lake	1,000,000

Hastings:

Baptiste Lake	800,000
Bartlett's Lake	150,000
Crow Lake	1,500,000
Fraser Lake	200,000
Lime Lake	100,000
Mallard Lake	200,000
Moira Lake	800,000
Moira River	1,000,000
Salmon Trout Lake	200,000
Sears Lake	100,000
Stoco Lake	300,000
Trent River	1,000,000

Kenora:

Black Sturgeon Lake	6,000,000
Blindfold Lake	3,000,000
Bowden Lake	750,000
Cache Lake	500,000
Eagle Lake	2,000,000
Gun Lake	1,000,000
Lake Lulu	1,500,000
Lake of Two Mountains	1,500,000
Lake of the Woods	29,000,000
Long Bow Lake	1,500,000
Separation Lake	750,000
Shoal Lake	6,000,000
Wabigoon Lake	2,000,000
Winnipeg River	4,500,000

Lanark:

Barbers Lake	200,000
Beaver Lake	300,000
Bennet's Lake	425,000
Black Lake	250,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS

April 1st, 1939, to March 31st, 1940—Continued

PICKEREL—Continued

Lanark—Continued

Caldwell Lake	200,000
Christie Lake	500,000
Clear Lake	250,000
Dalhousie Lake	325,000
Gillies Lake	250,000
Horns Lake	200,000
Kerrs Lake	400,000
Little Joe's Lake	200,000
Mississippi Lake	600,000
Mississippi River	650,000
Otty Lake	600,000
Patterson's Lake	300,000
Rivens Lake	200,000
Robertson Lake	200,000
Spectacle Lake	250,000

Leeds:

Bass Lake	400,000
Crow Lake	200,000
Higgley Lake	500,000
Little Rideau	600,000
Loon Lake	200,000
St. Lawrence River	1,000,000
Sand Lake	250,000
Traynor Lake	200,000
Wolfe Lake	250,000

Lennox-Addington:

Beaver Lake	200,000
Duck Lake	200,000
Long Lake	600,000
Mazinaw Lake	600,000
Napanee River	4,000,000
North Beaver Lake	350,000
Salmon Lake	1,000,000
Sixth Lake	600,000
South Beaver Lake	350,000
White Lake	350,000

Manitoulin:

Burnt Lake	500,000
Mindemoya Lake	1,500,000
South Bay	500,000

Muskoka:

Axel's Lake	100,000
Bala Bay	1,000,000
Bear Trail Lake	50,000
Brandy Lake	500,000
Crooked Lake	500,000
Gull Lake	500,000
Indian River	250,000
Kahshe Lake	250,000
Leonard Lake	450,000
Long Lake	30,000
Mootes Lake	50,000
Muskoka Lake	300,000
North Lake	50,000
Riley Lake	250,000
Severn River	750,000
Three Mile Lake	500,000
Webster Lake	250,000

Nipissing:

Bouleau River	200,000
Bruce Lake	250,000
Diamond Lake	140,000
French River	2,000,000
Gull Lake	140,000
Horseshoe Lake	70,000
Lake Champlain	50,000
Lake Nipissing	2,250,000
Lake Timagami	2,000,000
Marion Lake	70,000
Martin Lake (Gladman)	500,000
Martin Lake (Sisk.)	250,000
Martin River	280,000
McPhee Lake	300,000
Moose Lake	70,000
Nosbonsing Lake	80,000
Opechee Lake	250,000
Pimisi Lake	200,000
Sheeby Lake	70,000
Talon Lake	80,000
Tilden Lake	50,000
Tomiko Lake	280,000
Twin Lakes	250,000
Wasaksina Lake	140,000
Wickstead Lake	500,000

Northumberland:

Mud Lake	400,000
Rice Lake	1,500,000
Trent River	4,600,000

Ontario:

Lake St. John	250,000
Mud Lake	250,000
Severn River	500,000

Parry Sound:

Ahmic Lake	100,000
Bass Lake	200,000
Beaver Lake (Croft)	50,000
Blackstone Lake	600,000
Brimson Lake	200,000
Callander Bay	1,500,000
Caribou Lake	30,000
Cecebe Lake	80,000
Clear Lake	200,000
Commanda Lake	250,000
Crane Lake	200,000
Crooked Lake	200,000
Deer Lake	50,000
Dobbs Lake	50,000
Doe Lake	100,000
Duck Lake	20,000
Isabella Lake	300,000
Jacks Lake	80,000
Kawigamog Lake	80,000
Lake of Many Islands	50,000
Lennon Lake	200,000
Little Long Lac	30,000
Long Lake	50,000
Loon Bay	500,000
Magnetawan River	280,000
Manitowaba Lake	500,000
Manson Lake	250,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

PICKEREL—Continued

Parry Sound—Continued

McKellar Lake	400,000
McKeown Lake	100,000
McVeety Lake	200,000
Memesagamesi Lake	100,000
Minerva Lake	200,000
Nipissing Lake	2,900,000
Oastler Lake	500,000
Otter Lake	750,000
Owl Lake	300,000
Pickerel Lake	200,000
Pickerel River	130,000
Potage Lake	500,000
Rainy Lake	250,000
Restoule Lake	700,000
Rosseau Lake	1,500,000
Ruth Lake	100,000
Shawanaga Lake	100,000
Shebeshekong Lake	70,000
Shoal Lake	200,000
Six Mile Lake	70,000
Squaw Lake	400,000
Stanley Lake	50,000
Stewart Lake	200,000
Stormy Lake	200,000
Tea Lake	150,000
Third Lake	200,000
Wawashkesh Lake	1,500,000
Whitestone Lake	300,000
Wilson Lake	60,000
Wolfe River	30,000

Peterborough:

Belmont Lake	1,500,000
Chemong Lake	1,000,000
Connolly's Lake	500,000
Deer Bay	500,000
Deer Lake	2,000,000
Deer River	2,300,000
Indian River	1,500,000
Little Cedar Lake	500,000
Little Lake	200,000
Long Lake	1,000,000
Loon Lake	1,500,000
Lovesick Lake	500,000
North River	1,000,000
Oak Lake	1,500,000
Otonabee River	3,000,000
Pigeon Lake	1,000,000
Round Lake	1,500,000
Trent River	400,000
Twin Lakes	150,000

Prince Edward:

Bay of Quinte	6,150,000
Consecon Lake	900,000
Smith's Bay	1,250,000
West Lake	300,000

Rainy River:

Clearwater Lake	3,000,000
Lake of the Woods	24,000,000
One-sided Lake	3,000,000
Pine Lake	1,500,000
Rainy Lake	8,000,000
Sabaskong Bay	12,000,000
Steeprock Lake	6,000,000

Renfrew:

Black's Bay	500,000
Calabogie Lake	500,000
Coulas Lake	225,000
Cushene Lake	125,000
Golden Lake	625,000
Hazel Bay	250,000
Hond's Lake	125,000
Madawaska River	125,000
Meilleur's Bay	250,000
Muskrat Lake	500,000
Norway Lake	125,000
Petawawa River	250,000
Sturgeon Lake	250,000
T. Lake	250,000
White Lake	500,000

Simcoe:

Black Lake	250,000
Gloucester Pool	1,250,000
Little Lake	250,000
Nottawasaga River	100,000
Severn River	675,000
Six Mile Lake	500,000

Stormont:

St. Lawrence River	1,850,000

Sudbury:

Agnew Lake	750,000
Bisco Lake	500,000
Charlton Lake	400,000
Cranberry Lake	300,000
Crooked Lake	250,000
Cross Lake	250,000
French River	2,300,000
Frood Lake	250,000
Hanna Lake	250,000
La Cloche Lake	200,000
Long Lake	700,000
Makido Lake	500,000
Maple Lake	250,000
Middle Lake	250,000
Minisinakwa Lake	500,000
Moose Lake	200,000
Murray Lake	300,000
Nepiwasy Lake	150,000
Onaping Lake	1,000,000
Pashy Lake	500,000
Penage Lake	1,750,000
Peterson's Bay	750,000
Ramsay Lake	1,000,000
Silver Lake	300,000
Slaterock Lake	500,000
Spanish River	750,000
Trout Lake (Cherriman)	250,000
Trout Lake (Tilton)	250,000
Upper Sturgeon	200,000
Wanapitei Lake	1,000,000
Whitson Lake	250,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS

April 1st, 1939, to March 31st, 1940—Continued

PICKEREL—Continued

Timiskaming:

Gillies Lake	140,000
Giroux Lake	30,000
Granite Lake	50,000
Kenogami Lake	200,000
Lady Evelyn Lake	70,000
Long Lake	80,000
Montreal River	80,000
Mortimer Lake	70,000
Net Lake	50,000
Obuskong Lake	140,000
Reid Lake	70,000
Rib Lake	170,000
Round Chute	30,000
Round Lake	80,000
Petersen Lake	80,000
Sesekinika Lake	250,000
Sharpe Lake	70,000
Timiskaming Lake	640,000
Twin Lakes	60,000
Victoria Lake	80,000
Wendigo Lake	100,000
Wilson Lake	70,000

Victoria:

Burnt River	150,000
Dalrymple Lake	250,000
Head Lake	250,000
Little Turtle Lake	500,000
Mud Turtle Lake	250,000

Great Lakes:

North Channel	7,300,000
Georgian Bay	425,000
Lake Huron	41,450,000
Lake Superior	1,500,000

BROWN TROUT

FINGERLINGS

Grey:

Feeders Saugeen River	19,954
Feeders Styx River	10,000

YEARLINGS

Brant:

Branch Creek	5,700
Whiteman's Creek	9,600

Bruce:

Austin Fladd Mill Dam	1,800
Crane River	3,900
Lockerby Creek	7,600
Plum Creek	5,400
Saugeen River	10,800
Snake Creek	5,700
Sucker Creek	1,900
Teeswater River	3,600
Vogt's Creek	2,700
Willow Creek	1,800

Durham:

Baldwin's Creek	1,260
Bowmanville Pond	2,400
Laing's Stream	800
Stephen's Creek	2,400

Elgin:

Big Creek	3,000
Big Otter	3,600

Grey:

Big Head River	14,400
Lueck's Mill Pond	8,400
Potawatami River	3,600
Saugeen River	11,700
Styx River	8,100
Sydenham River	8,100
Weatherspoon Creek	1,000

Haldimand:

Rogers Creek	1,000

Halton:

Sixteen Mile Creek	10,800
Twelve Mile Creek	10,800

Hastings:

Beaver Creek	3,200
Black Creek	3,200
Little Mississippi River	3,200
Rawdon Creek	3,400
Squire's Creek	3,200

Huron:

Maitland River	9,000
Nine Mile River	3,600

Lambton:

Bear Creek	2,000

Lincoln:

Effingham Stream	1,000
Twelve Mile Creek	225

Middlesex:

Medway Creek	7,210

Norfolk:

Big Creek	9,900
Little Otter Creek	10,800
Nanticoke Creek	8,150

Northumberland:

Bowen's Pond	1,900
Cole's Pond	1,500
Dudley's Pond	1,900

Ontario:

Chubtown Creek	3,000

Oxford:

Burns Creek	1,800
Horner's Creek	3,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS

April 1st, 1939, to March 31st, 1940—Continued

BROWN TROUT—Continued

Peel:

Credit River	3,100

Perth:

Avon River	5,000
Halfway House Creek	700

Peterborough:

Baxter Creek	6,000
Cavan Creek	3,000
Deer Bay Creek	9,000
Eel's Creek	9,600
Jack's Creek	9,600
Mississauga Creek	6,000
Mississauga River	6,400
Mount Pleasant Creek	2,000
North River	6,400
Otter Creek	1,400

Simcoe:

Boyne River	2,100
Nottawasaga River	21,600
Willow Creek	13,350

Waterloo:

Bridgeport Dam	1,800
Dentinger Creek	3,000
Fisher Mill Dam	1,800

Welland:

Lyon's Creek	6,000

Wellington:

Guelph Waterworks Stream	75
Speed River	10,800

Wentworth:

Spencer Creek	2,100

York:

Hoover's Pond	200
Humber River	10,900

Miscellaneous:

Private waters (Experimental)	100

LAKE TROUT

EYED EGGS

Exchange	1,845,850

FRY

Frontenac:

Big Gull Lake	60,000
Blue Lake	10,000
Brule Lake	20,000
Buck Lake (Barrie)	25,000
Buck Lake (Bedford)	10,000
Buckshot Lake	30,000
Camp Lake	15,000
Crotch Lake	35,000
Crow Lake	20,000
Desert Lake	10,000
Devil Lake	20,000
Dog Lake	20,000
Draper Lake	15,000
Eagle Lake	60,000
Fortune Lake	30,000
Grindstone Lake	30,000
Kashwakamak Lake	40,000
Little Rock Lake	15,000
Little Salmon Lake	15,000
Loughborough Lake	40,000
Lucky Lake	15,000
Mackie Lake	15,000
Mississagon Lake	25,000
Palmerston Lake	25,000
Reid's Lake	15,000
Rock Lake	15,000
Round Schooner Lake	15,000
Sharbot Lake	30,000
West Rideau Lake	30,000

Hastings:

Baptiste Lake	90,000
Bass Lake	10,000
Big Salmon Lake	30,000
Burnt Lake	10,000
Cedar Lake	30,000
Clear Lake	10,000
Crooked Lake	20,000
Devil Lake	10,000
Dickie Lake	20,000
Eagle Lake	25,000
Gunter Lake	10,000
Jamieson Lake	10,000
Lake St. Peter	30,000
La Valley Lake	10,000
Limestone Lake	5,000
Little Salmon Lake	10,000
Little Salmon River	5,000
Long Lake	5,000
O'Grady Lake	10,000
Papineau Lake	20,000
Peets Lake	10,000
Robinson Lake	15,000
Trout Lake (Faraday)	10,000
Trout Lake (Lake)	25,000
Wadsworth Lake	10,000
Weslemkoon Lake	30,000

Lanark:

Big Rideau Lake	100,000
Silver Lake	10,000

Leeds:

Charleston Lake	50,000
Indian Lake	30,000
Otter Lake	10,000
Red Horse Lake	10,000

Lennox-Addington:

Elbow Lake	15,000
Finch Lake	20,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

LAKE TROUT—Continued

FRY

Lennox-Addington—Continued

Little Cedar Lake	10,000
Little Weslemkoon Lake	10,000
Loon Lake	50,000
Otter Lake	30,000
Simpson Lake	5,000
Spoon Lake	10,000
Thirty Island Lake	20,000
White Lake	20,000

Peterborough:

Big Cedar Lake	10,000
Bottle Lake	10,000
Eagle Lake	30,000
Eel's Lake	30,000
Jack's Lake	30,000
Lake Catchacoma	20,000
Little Cedar Lake	10,000
Long Lake	10,000
Loon Lake	90,000
Mississauga Lake	20,000
Oak Lake	15,000
Trout Lake	30,000
Twin Lake	15,000

Rainy River:

Ash Bay	24,900
Bad Vermilion Lake	80,000
Burnt Lake	20,000
Kakagi Lake	135,000
Lake Kishkutena	45,000
Narrow Lake	20,000
Pipestone Lake	20,000
Steeprock Lake	60,000

Great Lakes:

North Channel	140,000
Georgian Bay	1,750,000
Lake Huron	2,480,000
Lake Ontario	567,000

FINGERLINGS

Algoma:

Achigan Lake	10,000
Axe Lake	15,000
Bass Lake	10,000
Basswood Lake	15,000
Caribou Lake	7,000
Chiblow Lake	5,000
Chub Lake	20,000
Cummings Lake	15,000
Denman Lake	7,000
Fleck Lake	7,000
Garden Lake	10,000
Grey Trout Lake	6,000
Hawk Lake	10,000
Hobon Lake	10,000
Howard Lake	5,000
Island Lake	5,000
Jobammeghia Lake	15,000
Lake Lauzon	6,000
Lake of the Mountains	4,000
Long Lake	15,000
Madawonsing Lake	5,000
Matinenda Lake	5,000
Mountain Lake	6,000
Patton Lake	10,000
Penage Lake	15,000
Pickerel Lake	5,000
Rand Lake	10,000
Ranger Lake	10,000
Raw Hide Lake	6,000
Red Deer Lake	6,000
Robertson Lake	15,000
Rose Marie Lake	6,000
Sand Lake	10,000
Spruce Lake	10,000
Trout Lake	10,000
Wakomata Lake	15,000
Windermere Lake	7,000

Bruce:

Gillies Lake	25,000

Cochrane:

Remi Lake	6,000

Haliburton:

Bear Lake	5,000
Big Bear Lake	3,000
Big Bob Lake	5,000
Boskung Lake	10,000
Clear Lake	4,000
Clearwater Lake	5,000
Davis Lake	9,000
Drag Lake	15,000
Eagle Lake	5,000
East Lake	5,000
Fishtail Lake	4,000
Gull Lake	10,000
Gun Lake	5,000
Hollow Lake	5,000
Horseshoe Lake	3,000
Hurricane Lake	5,000
Kashagawigamog	10,000
Kennisis Lake	10,000
Kimball Lake	5,000
Kushog Lake	10,000
Little Hawke Lake	5,000
Maple Lake	5,000
Moose Lake	5,000
Mountain Lake	5,000
Oblong Lake	5,000
Oxtongue Lake	5,000
Paudash Lake	3,000
Pine Lake	3,000
Redstone Lake	10,000
South Lake	5,000
Spruce Lake	5,000
Stormy Lake	3,000
St. Nora's Lake	5,000
Trout Lake	8,000
Twelve Mile Lake	10,000
White Trout Lake	5,000
Wolfe Lake	3,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

LAKE TROUT—Continued

Kenora:	
Blue Lake	12,500
Cliff Lake	25,000
Cobble Lake	50,000
Cul-de-Sac Lake	105,000
Dogtooth Lake	50,000
Eagle Lake	14,700
Gee Jay Lake	25,000
Rosamond Lake	20,000
Sturgeon Lake	50,000
Thunder Lake	20,000
Trout Lake	25,000
Whitefish Bay	75,000

Manitoulin:	
Lake Manitou	20,000

Muskoka:	
Bala Bay	15,000
Bella Lake	10,000
Big Twin Lake	2,500
Bruce's Lake	5,000
Clear Lake (McLean)	10,000
Clear Lake (Ridout)	10,000
Fairy Lake	15,000
Haley's Lake	10,000
Lake of Bays	50,000
Lake Joseph	10,000
Little Clear Lake	2,500
Long Lake	10,000
Loon Lake	5,000
Mary Lake	30,000
Muskoka Lake	40,000
Near Cut Lake	5,000
Paint Lake	7,500
Peninsula Lake	15,000
Pine Lake	15,000
Rebecca Lake	12,500
Rosseau Lake	10,000
Six Mile Lake	5,000
Skeleton Lake	40,000
Solitaire Lake	5,000
Tasso Lake	5,000
Vernon Lake	20,000

Nipissing:	
Aylen Lake	3,000
Bear Lake	6,000
Cache Lake	3,000
Cameron Lake	8,000
Cedar Lake	10,000
Diamond Lake	3,000
Dotty Lake	5,000
Fatty Lake	5,000
Gull Lake	3,000
Little Martin Lake	6,000
Martin Lake	6,000
Moore's Lake	3,000
Smoke Lake	3,000
Source Lake	3,000
South Tea Lake	3,000
Talon Lake	8,000
Timagami Lake	3,000
Tomiko Lake	8,000
Trout Lake	12,000
Wasaksina Lake	3,000
Wickstead Lake	6,000

Parry Sound:	
Bay Lake	10,000
Black Lake	2,500
Caribou Lake	5,000
Clear Lake	10,000
Eagle Lake	15,000
High Lake	7,500
Horn Lake	15,000
Lake Joseph	5,000
Lake Rosseau	15,000
Little Lake Joseph	10,000
Little Whitefish Lake	5,000
Loon Bay	20,000
Loon Lake	5,000
Lorimer Lake	15,000
Memesagamesi Lake	20,000
Otter Lake	10,000
Portage Lake	5,000
Round Lake	5,000
Ruth Lake	10,000
Salmon Lake	10,000
Sand Lake	10,000
Sucker Lake	15,000
Tea Lake	5,000
Three Legged Lake	10,000
Three Mile Lake	5,000
Trout Lake (Hagerman)	5,000
Trout Lake (McDougall)	10,000
Whitefish Lake	10,000

Peterborough:	
Crystal Lake	8,000
Lake Talon	3,000

Renfrew:	
Bark Lake	8,000
Barry's Bay	8,000
Birchim Lake	5,000
Blackfish Bay	8,000
Centers Lake	6,000
Clear Lake	15,000
Cross Lake	8,000
Diamond Lake	4,000
Kaminiskeg Lake	7,000
Long Lake (Radcliffe)	7,000
Long Lake (Wylie)	6,000
Pog Lake	8,000
Round Lake (Lyell)	7,000
Round Lake (Richards)	14,000
Tea Lake	6,000
Trout Lake	10,000
Upper Carson Lake	10,000
Wadsworth Lake	7,000

Simcoe:	
Kempenfeldt Bay	30,000

Sudbury:	
Agnew Lake	10,000
Clearwater Lake	10,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

LAKE TROUT—Continued

Sudbury—Continued	
Emerald Lake	14,000
Fairbanks Lake	8,000
Kuba Lake	8,000
Lang Lake	7,000
Little Penage Lake	8,000
Long Lake (Broder)	10,000
Long Lake (Harrow)	5,000
Mesomikenda Lake	8,000
Millard Lake	12,000
Miller Lake	5,000
Ministic Lake	7,000
Nepahwin Lake	10,000
Onaping Lake	14,000
Ramsay Lake	10,000
Trout Lake	10,000
Wanapitei Lake	15,000
West Bay	7,000
Windy Lake	14,000
Thunder Bay:	
Windigoostigwan Lake	40,000
Timiskaming:	
Anima Nipissing Lake	8,000
Crystal Lake	6,000
Gowganda Lake	3,000
Herridge Lake	5,000
Justine Lake	3,000
Larder Lake	6,000
Long Lake	5,000
Nellie Lake	6,000
Net Lake	3,000
Perry Lake	9,000
Pike Lake	3,000
Pine Lake	3,000
Rib Lake	3,000
Trout Lake	3,000
Twin Lake	3,000
Watabeag Lake	10,000
Wendigo Lake	3,000
York:	
Lake Simcoe	30,000
Great Lakes:	
Lake Superior	2,460,000
North Channel	74,000
Georgian Bay	1,769,000
Lake Huron	3,293,200

RAINBOW TROUT

FINGERINGS

Algoma:	
Batchawana River	7,585
Chippewa River	7,000
Hamburg Creek	5,000
Huston Lake	5,000
Jobammeghia Lake	10,000
Keegos Lake	5,000
Loon Lake	10,000
Mississagi River	10,000
Montreal River	10,000
North Lake	5,000
West Lake	5,000
White River	10,000
Sudbury:	
Onaping River	15,000
Timiskaming:	
Choppin Lake	5,000
Miscellaneous:	
Sale	50

YEARLINGS and ADULTS

Bruce:	
Saugeen River	1,800
Dufferin:	
Nottawasaga River	6,085
Pine River	1,500
Elgin:	
St. Thomas Reservoir	850
Grey:	
Sydenham River	500
Norfolk:	
Big Creek	350
Simcoe:	
Kempenfeldt Bay	1,500
Lake Simcoe	1,500
Sturgeon River	5,000
Wellington:	
Saugeen River	1,500
York:	
Humber River	1,500
Miscellaneous:	
Sales—Demonstration and propagation purposes	2,069

KAMLOOPS TROUT

FINGERLINGS

Algoma:	
Blue Lake	19,000
Devils Lake	18,000
Lake Constance	20,000
Trout Lake	20,000
Muskoka:	
Echo Lake	10,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS

April 1st, 1939, to March 31st, 1940—Continued

KAMLOOPS TROUT—Continued

Nipissing:	
Lake Timagami	8,000
Parry Sound:	
Lake Bernard	10,000
Miscellaneous:	
Demonstration purposes	41

SPECKLED TROUT

FINGERLINGS

Durham:	
Squirrel Creek	4,000
Taylor's Creek	4,000
Frontenac:	
Black Creek	10,000
Bolton Creek	15,000
McCausland Creek	10,000
Sharbot Lake Creek	15,000
Hastings:	
Baptiste Lake	28,000
Bartlett Creek	5,000
Bentley Creek	5,000
Diamond Lake	8,000
T. Lake	5,000
Lennox-Addington:	
Mill Stream	10,000
Simpson Lake	10,000
Spoon Lake	10,000
Spring Lake	5,000
White Lake	15,000
Nipissing:	
Duschene Creek	15,000
Four Mile Creek	25,000
Rainey Lake	8,000
Spring Lake	25,000
Twenty Minute Lake	25,000
Wolf Lake	25,000
Northumberland:	
Burnley Creek	10,000
Chidley Creek	3,000
Dartford Creek	3,000
DeLong's Creek	3,000
Duncan Creek	4,000
Pegman's Creek	3,000
Quinn's Creek	3,000
Robin's Creek	3,000
Sandy Flat Creek	4,000
Valleau's Creek	10,000
Peterborough:	
Carver's Creek	8,000
Miscellaneous:	
Sales—Demonstration and propagation purposes	1,000

YEARLINGS

Algoma:	
Achigan Creek	2,500
Achigan Lake	3,200
Agawa River	9,600
Alona Bay Creek	1,500
Alva Lake	1,600
Anjigami Creek	1,600
Arnett Lake	1,600
Aubinadong Bay	2,400
Aubinadong Lake	2,400
Austin Lake	1,500
Basswood Lake	2,000
Batchawana River	9,600
Beaver Lake	1,600
Big Lake	2,000
Black Creek	1,000
Boat Lake	1,000
Boundary Lake	2,400
Boyd's Creek	3,200
Buckboard Lake	1,000
Burns Lake	2,500
Burrows Lake	3,200
Caldwell's Lake	800
Cameron Creek	1,000
Camp 8 Bay	2,400
Canoe Lake	500
Carpenter Lake	3,200
Cedar Creek	800
Chippewa River	27,200
Chub Lake	5,200
Clear Lake (Mack)	1,000
Clear Lake (Vankoughnet)	3,200
Coffee Creek	2,500
Copp Lake	5,200
Cram Lake	500
Crystal Creek	1,500
Crystal Lake	2,000
Cummings Lake	1,200
Deer Lake	2,500
Diamond Lake	2,000
Driving Creek	5,000
Driving Lake	1,000
Echo Lake	1,500
Eleven Mile Creek	3,200
Elizabeth Lake	1,000
Fairbank Creek	10,000
Fern Lake	1,600
Fish Lake	1,600
Foot Lake	2,500
Garden Lake	4,800
Garden River	1,000
Gilmore Lake	750
Goodwins Lake	1,500
Goulais River	5,250
Gravel Lake	3,500
Harmony Creek	5,100
Harmony River	3,000
Hawk Lake	1,600
Heart Lake	6,700
Herman Lake	3,200
Heyden Lake	5,100
Hidden Portage Lake	2,400
High Lake	1,000
Hills Creek	1,500
Hoath Lake	1,600

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

SPECKLED TROUT—Continued

Algoma—Continued

Hobon Lake	3,200
Horn Lake	1,600
Horse Lake	1,250
Horseshoe Lake	1,500
Hubert Lake	2,400
Island Lake (Aberdeen)	2,500
Island Lake (Aweres)	3,000
Island Lake (176)	5,700
Jackfish River	3,000
Jimmy Lake	800
Jobammeghia Lake	1,600
Kaskawong River	2,400
Kelly Lake	1,000
Kendogami River	3,200
Lake One	1,000
Laughing Lake Bay	2,400
Lessley Lake	1,500
Little High Lake	1,000
Little White River	2,400
Lonely Lake	3,000
Long Lake (Meredith)	1,500
Long Lake (Whitman)	1,000
Loon Lake (Deroche)	2,500
Loon Lake (24-R-13)	4,700
Loonskin Lake	3,200
Lower Island Lake	2,000
Lower Pine Lake	1,600
Lower Twin Lake	1,600
Mader Lake	1,600
Mamainse Harbor	1,000
Mary Ann Lake	1,000
Mashagama Lake	5,400
Merchant Lake	3,000
Mica Bay Creek	750
Mile 58 Lake	1,600
Mill Creek	1,600
Minnow Lake	3,000
Maude Lake	750
Maunshe Megoose Lake	1,600
McCauley Lake	1,200
McCormick Lake	1,600
McCrea Lake	2,400
McDonald Stream	1,000
McLeod Creek	1,250
McVeigh Creek	1,600
Michipicoten River	8,000
Mongoose Lake	3,200
Moose Lake (25-R-13)	3,200
Moose Lake (Wells)	1,600
Mountain Lake (1A.)	3,200
Mountain Lake (Gould)	1,600
Mountain Lake (McMahon)	1,600
Mud Creek (Vankoughnet)	2,500
Mud Lake (1A.)	1,300
Murphy Creek	1,100
Odowbi Lake	800
Ozone Creek	3,000
Pancake River	3,800
Paquette Lake	5,600
Peter Lake	1,500
Pike Lake	1,200
Pine Lake (1A.)	1,600
Pine Lake (25-R-11)	1,600
Pinkney Lake	1,600
Rainbow Lake	2,000
Rand Lake	1,600
Ranger Lake	1,000
Red Deer Lake	800
Red Rock Lake	1,000
Richardson Lake	2,400
Robertson Lake	4,700
Rock Lake	800
Root River	6,600
Round Lake (1A.)	800
Round Lake (Grassett)	3,200
St. Joseph Island Streams	3,000
Sand Lake	3,200
Sand River	2,400
Saymo Bay	2,400
Saymo River	2,400
Sesabic Lake	3,500
Sharp Sand River	1,500
Shumka Lake	2,500
Silver Creek	3,000
Silver Lake	1,000
Sister Lake No. 1	800
Sister Lake No. 2	1,600
Snowshoe Creek	2,200
Speckled Trout Lake (1A.)	2,400
Speckled Trout Lake (28-R-16)	1,600
Speckled Trout Pond (176)	1,000
Spring Creek	2,000
Spruce Lake	2,400
Storehouse Creek	2,000
Sucker Lake	1,600
Summitt Lake	4,850
Tamarack Lake	800
Tawabinasay Lake	3,200
Tea Lake	1,800
Thessalon River	4,200
Triple Lake	1,600
Trout Creek	1,000
Trout Lake (Aweres)	2,000
Trout Lake (Montgomery)	1,500
Trout Lake (62)	3,000
Trout Lake (25-R-14)	3,800
Trout Lake Creek	1,000
Trout Lake Inlet	2,350
Two Tree River	4,400
Unnamed Lake (Larkin)	1,000
Upper Pine Lake	1,600
Upper Twin Lake	2,000
Victoria Creek	3,000
Vixon Lake	3,200
Wallace Lake	800
Wartz Lake	2,400
Wawa Lake	5,200
Weashog Lake	526
White River	4,400
Williams Creek	1,500
Wonashin Lake	1,600
Woods Creek	2,400

Brant:

St. George Lake	500

Bruce:

Barrow Bay Creek	3,300
Formosa Creek	100
Nine Mile Creek	1,600

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

SPECKLED TROUT—Continued

Bruce—Continued.

Silver Stream (Amabel)	3,600
Silver Stream (Carrick)	1,400
Spring Creek	3,600
Vance's Creek	200
Willow Creek	750

Cochrane:

Big Gully Creek	1,000
Elsie Lake	1,000
Grassy River	1,000
Junction Lake	900
Legare Lake	1,200
MacDonald Lake	900
Paradise Creek	1,000
Red Stone River	2,600
Red Sucker River	2,600
Round Lake	1,200
Rushton Lake	1,000
Thunder Creek	900
Unnamed Lake (Bristol Tp.)	900
Unnamed Lake (Deloro Tp.)	2,700
Unnamed Lake (German Tp.)	800
Unnamed Lake (Macklem Tp.)	2,100
Unnamed Lake (Tisdale Tp.)	1,700

Dufferin:

Cemetery Creek	2,700
Credit River	8,300
McKitrick Stream	1,800
Mulmur Lake	1,400
Nottawasaga River	7,200
Pine River	3,750

Durham:

Ard's Creek	100
Ball's Creek	100
Beatty's Creek	200
Carveth Creek	100
Charlie Awde Stream	100
Cowan Stream	700
Dawson's Creek	500
DeLong Creek	900
Dyer's Creek	1,100
Frew's Creek	200
Goodman's Pond	200
Hall's Stream	200
Harris Creek	300
Laing's Stream	100
Luxton's Creek	1,000
Mercer's Creek	200
Millson Creek	100
Muldrew Creek	200
Powell's Creek	200
Sowden Stream	200
Unnamed Creek	400

Frontenac:

Camp Lake	2,400
Crotch Lake	1,500
Gibson Lake	4,800
Grindstone Lake	4,800
Lucky Lake	2,400
Mackie Lake	2,000
Mallory Creek	4,800
Quackenbush Lake	2,000
Reid's Lake	2,400
Rock Lake	2,400
Round Schooner Lake	1,000
Schooner Lake	1,800
Spring Creek	1,000

Grey:

Bass Lake	3,000
Beatty Saugeen River	4,300
Beaver River	4,600
Bells Creek	600
Big Head River	3,600
Black's Beach	3,600
Black Creek	1,000
Boyds Lake	5,400
Boyne River	4,100
Caseman's Creek	200
Christie Lake	2,550
Cotter's Creek	300
Craigs Creek	300
Cullen Lake	100
Deer Creek	1,800
Ewart Lake	6,600
Ferguson Creek	950
Firths Creek	1,800
Glen Creek	1,800
Hayward Falls	1,200
Hydro Pond	7,200
Lamont's Creek	100
Lawrence Creek	950
Manx Creek	1,800
Mary Lake	200
McCaslin Creek	200
McConnell Creek	1,000
McGowans Dam	1,800
McIntosh Lake	1,000
McLean's Creek	200
McMullen's Creek	950
Munshaw Lake	500
Oxenden Creek	3,300
Paddy's Creek	3,600
Rocky Saugeen	4,800
Saugeen River	18,850
Spey River	2,500
Spring Creek	650
Stream at Markdale	1,000
Styx River	650
Sydenham River	11,800
Tannery Creek	650
Walker Creek	300
Williams Lake	3,000
Youngs Lake	1,500

Haliburton:

Bear Creek	500
Bitter Lake	1,200
Clear Lake	2,400
Cranberry Lake	1,000
Davis Lake	400
Fletcher Lake	1,000
Gull River	1,000
Gun Lake	4,800

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

SPECKLED TROUT—Continued

Haliburton—Continued.

Harvey Lake	350
Hawke River	500
Hollow Lake	4,800
McCue Creek	1,500
Oxtongue Lake	1,500
Partridge Lake	500
Pen Lake	1,500
Raven Lake	2,750
Round Lake	350
Scotch Line Creek	500
Stormy Creek	500
Sunken Lake	500
Welcome Lake	1,500

Hastings:

Alexander Creek	1,500
Banker Lake	3,600
Bob Whyte Lake	800
Brett Lake	2,400
Buck Lake	2,400
Cannon's Lake	1,200
Canoe Lake	2,400
Cockburn Lake	2,400
Deer River	9,600
Devil Lake	2,400
Diamond Lake	4,800
Echo Lake	3,000
Egan Creek	14,400
Faulkner's Creek	1,500
Fraser Creek	4,800
Fraser Lake	2,400
Geens Creek	2,400
Green Lake (Bangor)	3,000
Green Lake (Cashel)	2,400
Hineses Lake	1,600
Jardison Lake	1,200
Little Lighthouse Lake	1,200
Little Mississippi Lake	4,800
Long Lake (Herschel)	1,200
Long Lake (Mayo)	2,000
MacKenzie Lake	2,400
Mill Creek	4,200
Mud Lake	1,200
Mud Turtle Lake	2,400
Oak Lake	3,000
Papineau Creek	4,800
Potter Lake	2,400
Rawdon Creek	7,200
Shire Creek	4,800
Smiths Lake	5,400
Squires Creek	9,600
Stoney Lake	2,400
Thirty Island Creek	2,400

Huron:

Belgrave Creek	300
Foster Creek	500
Glaziers Creek	300
Maitland River	2,400
St. Helen's Creek	500
Spring Creek	300

Kenora:

Elbow Lake	2,500
Little Vermilion Lake and Streams	7,800
Silver Lake	2,500

Lanark:

Craigs Creek	1,500
Paul's Creek	3,600
Long Sue Creek	1,200

Lennox-Addington:

Beaver Creek	4,800
Brown's Lake	3,200
Burns Lake	3,200
Conner's Lake	2,400
Copeland Lake	2,400
Dafoe Lake	2,400
Douglas Lake	1,600
East Lake	1,600
Green Lake	4,800
Kilborn Lake	1,000
Long Lake	2,400
Loon Lake	1,000
Rattan Lake	4,800
Rock Lake	2,400
Shiner Creek	2,400
Snake Creek	4,800
White Lake	9,600

Lincoln:

St. Davids Spring Creek	2,000

Manitoulin:

Badger Creek	3,500
Barr's Creek	6,600
Bluejay Creek	30,000
Bonnie Doone Creek	1,600
Hare's Creek	2,600
Manitou River	25,000
Mindemoya River	30,000
Nortons Creek	2,000
Silver Creek	1,600
Srigley Creek	5,200
Spring Creek	6,000

Middlesex:

Fanshaw Creek	2,150
Wye Creek	3,000

Muskoka:

Atkinson Lake	800
Axles Lake	2,400
Beaver Creek	6,000
Bella Lake	6,000
Bells Lake	2,000
Big East River	24,000
Big Turtle Lake	1,600
Big Wind Lake	1,600
Bird Lake	1,600
Black Creek	6,000
Black River	3,200
Bradford Creek	1,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

SPECKLED TROUT—Continued

Muskoka—Continued

Buck Lake	3,200
Clear Lake (McLean)	1,600
Clear Lake (Oakley)	3.000
Clear Lake (Ridout)	5,000
Clear Lake (Sinclair)	3,000
Coopers Lake	4,000
Deep Lake	3,200
Dog Lake	3,000
East River	3.000
Eastall Lake	2,000
Echo Lake	11,000
Fairy Lake Creeks	6.000
Fox Lake	6,000
Fraser Lake	1.000
Gibbs Lake	4,000
Goose Lake	6,000
Grants Lake	3,200
Grindstone Lake	1,600
Gull Lake	3,200
Hecks Lake	4,000
Helve Lake	2,000
High Lake	2,000
Jessops Creek	3,000
Lake of Bays	19,200
Limpers Lake	1,600
Little East River	12,000
Little Turtle Lake	1,600
Little Vernon Lake	1,000
Long Lake	3,200
Loon Lake	1,000
Loon Lake Creek	2,000
Mary Lake	6,000
Muskoka River	49,200
Peninsula Lake	12,000
Rebecca Lake	6,000
Red Chalk Lake	5,000
Round Lake	6,000
Shoe Lake	1,500
Skeleton River	5,500
Solitaire Lake	6,000
Sparks Lake	1,000
Split Rock Lake	2,000
Trout Lake	600
Upper Shewfelt Lake	800
Vernon Lake Creek	6,000
Waseosa Lake	6,000
White Lake	3,200
Wolf Lake	1,500

Nipissing:

Acanthus Lake	250
Antoine Creek	3,400
Bakers Creek	1,500
Balsam Creek	3,400
Bastien Creek	1,500
Billy Lake	1,000
Billy Neil Creek	1,500
Blue Lake	250
Burnt Creek	2,000
Burnt Island Lake	3,000
Burrett's Creek	3,000
Cache Lake	2,500
Callahan Lake	1,500
Canisbay Lake	1,000
Canoe Lake	2,500
Cauchon Lake	250
Cedar Lake	250
Chippewa Creek	3,400
Clark Lake	500
Clear Lake (Chambers)	800
Clear Lake (Field)	3.000
Clear Lake (Lyell)	500
Clear Lake (Notman)	1.000
Cold Stream	500
Coon Lake	1,000
Crane Lake	1,000
Crooked Lake	200
Cutler Lake	1,600
Devils Lake	800
Dorans Creek	4,000
Emerald Lake	2,500
Finlayson Lake	1,500
Found Lake	1,000
Four Mile Creek	8,000
Gauthier Lake	250
Gauthier Pond	750
Gilmour Lake	250
Gorman Creek	1,500
Grand Lake	250
Green Lake	500
Guppy Lake	800
Henderson Lake	1,500
Heron Lake	500
Hot Lake	1,000
Jocko River	12,800
Jubilee Lake	1,000
Kioshqua Lake	250
Lake St. Andrew	250
Lake of Two Rivers	2,000
Little Island Lake	1,000
Little Jocko River	6,400
Loon Lake	800
Lost Lake	1,000
McDonald Lake	1,500
McGee Creek	1,500
Mew Lake	500
Moores Lake	2,000
North River	13,350
Opeongo River	250
Opinicon Creek	2,800
Park Lake	1,000
Radiant Lake	250
Red Rock Lake	250
Robitaille Lake	500
Rock Lake	500
Smoke Lake	2,000
Smoky Creek	3,750
Source Lake	1,500
South Tea Lake	1,000
Spawning Lake	800
Speckled Trout Lake	500
Spring Lake (McLaren)	3,400
Spring Lake (Sisk)	1,500
Stony Creek (Lyman)	1,000
Stony Creek (Notman)	500
Sturgeon Lake	3,400
Tanamakoon Lake	2,000
Timagami Lake	2,800

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

SPECKLED TROUT—Continued

Nipissing—Continued.	
Trout Lake	800
Trout Lake (Parkman)	1,000
Twenty Minute Lake	1,600
Webb Lake	1,800
Whitefish Lake	3,000
White Partridge Lake	250
Whitney Lake	2,600
Wolf Lake	8,000
Norfolk:	
Almond Creek	500
Bassels Creek	500
Big Creek	1,540
Campbell Creek	500
Eckardt Creek	500
Howey Creek	500
Kent Creek	2,000
Nanticoke Creek	3,000
Patterson Creek	1,000
Ryerse Creek	1,000
Synden Creek	500
Venison Creek	3,000
Wolfe Creek	500
Northumberland:	
Baltimore Creek	2,800
Big Creek	4,000
Burnley Creek	4,800
Chidleys Creek	100
Dartford Creek	2,400
Dawson Creek	1,500
DeLong's Creek	1,600
Duncan's Creek	800
Little Cole Creek	4,000
Little Lake	3,600
Mill Creek	200
O'Grady's Creek	2,700
Pegman's Creek	1,600
Quinn's Creek	800
Robins Creek	200
Sandy Flat Creek	1,600
Valleau's Creek	800
Ontario:	
Beaver River	2,400
Cameron Creek	1,000
Elgin Park Pond	1,000
Parry Sound:	
Bar Lake Creek	500
Barrett's Creek	1,200
Barton Creek	1,500
Beaver Lake	1,200
Big Clam Lake	800
Big Mink Lake	3,200
Black Creek (Gurd)	1,500
Black Creek (Strong)	2,200
Bradford Creek	600
Buck Lake	500
Burley's Creek	500
Cheer Lake	500
Clear Lake (Armour)	1,000
Clear Lake (Laurier)	2,500
Clear Lake (South Himsworth)	500
Clear Lake (Wilson)	700
Commanda Lake	1,600
Crooked Lake	4,200
Cummings Lake	600
Deer Creek	700
Deer Lake	700
Deer River	1,700
Distress River	2,800
Dunkers Creek	1,000
Eagle Lake	1,000
Fagans Creek	600
Fleming Lake	1,300
Franks Lake	1,000
Genesee Creek	1,200
Gorge Lake	750
Gull Lake	500
Haggerty Creek	500
Hog Lake	800
Horn Lake	1,800
Hughes Lake	2,250
Hungry Lake Creek	750
Island Lake	600
Jacks Lake Creek	400
James Creek	900
Jordons Creek	600
Lemmons Creek	100
Little Mink Lake	2,250
Lynx Lake	800
Madill Creek	500
Magnetawan River	11,500
McCullough Creek	2,400
Otter Lake	1,300
Owl Lake	600
Paisley Creek	1,300
Pool Lake	900
Proudfoot Creek	500
Ragged Creek	900
Rainy Lake	3,000
Rat Lake	1,700
Round Lake	1,750
Roussel's Creek	500
Sand Lake	3,400
Smiths Creek	1,300
South River	2,400
Spring Creek (Chapman)	1,500
Spring Creek (Lount)	6.500
Steels Creek	1,500
Stellars Creek	600
Stoney Lake	2,800
Stream in Ryerson Township	1,700
Surprise Creek	750
Tea Lake	1,000
Three Mile Creek	1,400
Trout Creek (Himsworth)	3,400
Trout Creek (Laurier)	2,700
Peel:	
Credit River	5,200
Humber River	2,100
Peterborough:	
Big Ouse River	4,800
Carvers Creek	1,500

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

SPECKLED TROUT—Continued

Peterborough—Continued

Cavan Stream	6,800
Eel's Creek	3,200
Little Ouse River	4,800
Mount Pleasant Stream	3,200
Otter Creek	2,600
Plateau Creek	2,600
Sophies Lake	1,600
Union Creek	4,800

Renfrew:

Barbout Creek	2,000
Battery Creek	500
Bear Lake	1,500
Biggs Creek	2,000
Big Round Lake	2,000
Bissett Creek	3,250
Blueberry Lake	2,000
Brennan's Creek	1,500
Byers Creek	2,500
Caldwell Creek	1,000
Centers Lake	4,000
Clarkes Creek	1,500
Cochrane Creek	1,500
Crooked Lake Creek	1,000
Cross Lake	1,500
Crozier Creek	2,500
Deux Riviere Creek	2,500
Devils Lake	1,000
Diamond Lake Creek	1,500
Dodge Lake	2,000
Dominick Lake	1,500
Finley Creek	1,500
Gardez Pieds Creek	4,500
Godin Creek	250
Grant Creek	3,250
Green Lake Creek	1,500
Gultz Creek	1,500
Hammel Lake	200
Hart Lake	1,500
Harvey Creek	3,000
Heney Creek	2,000
Horton Creek	500
Hughey Creek	1,000
Indian River	3,000
Johnson Lake	500
Josie Creek	1,500
Kelly Lake Creek	3,500
Koehls Creek	1,500
Lake in the Hills	1,000
Locksley Lake Creek	2,500
Lost Lake	1,500
MacKay Creek	4,500
Marrow Lake	3,000
McDermott's Creek	1,250
Meilleur Lake	1,000
Miller's Lake	1,500
Nadeau Creek	1,500
Paugh Lake	3,000
Pumaile Lake	1,500
Quadville Creek	1,500
Rattery Lake	1,500
Reserve Creek	1,000
Rockingham Creek	1,500
Round Lake	4,000
Siroski's Creek	3,000
Smith Creek	2,500
Spring Creek	1,500
Stewart Creek	3,000
Toohey Lake	3,000
Trout Lake	1,500
Tucker Creek	3,000
Turner Creek	4,500
Unnamed Creek, Brougham	1,000
Wylie Creek	3,000

Simcoe:

Black Creek	1,500
Boyne River	1,000
Colwell's Creek	1,500
Hill's Creek	1,500
Matheson Creek	1,500

Sudbury:

Anderson Lake	5,000
Awry Creek	6,000
Barley Creek	15,000
Bertrand Creek	5,000
Bull Lake	19,000
Cameron Creek	2,000
Coniston Creek	5,000
Crystal Lake	3,000
Ella Lake	10,000
Emery Creek	5,000
Farm Lake	3,000
Fournier Creek	20,000
Geneva Creek	15,000
Green Lake	10,000
Johns Creek	30,000
Junction Creek	5,000
Karl Creek	2,000
Long Lake (Harrow)	1,000
Long Lake (Strathearn)	1,500
McLanders Creek	7,000
McLeod Creek	3,000
Michauds Creek	10,000
Moose Creek	4,000
Post Creek	4,000
Poulin Creek	10,000
Pumphouse Creek	30,000
Rapid River	9,000
Rock Lake	2,500
Round Lake	5,000
Sandcherry Creek	10,000
Sauble River	50,000
Second Lake	3,500
Shenango Creek	1,450
Shoal Lake Creek	1,000
Trout Creek	3,000
Trout Lake	2,500
Trout Lake (5-6)	4,000
Twin Lake	1,500
Veuve River	20,000
Waddell Creek	9,000
Wavy Creek	10,000
Windy Creek	20,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

SPECKLED TROUT—Continued

Thunder Bay:

Anderson Creek	2,400
Arnold Creek	1,000
Arrow River	3,000
Bass Creek	3,000
Bat Lake	2,000
Beardmore Creek	3,000
Bear Trap Lake	3,000
Beaver Lake	3,000
Big Duck Lake	4,000
Big McKenzie River	12,000
Big Partridge Lake	3,000
Billy Creek	1,500
Bishop Lake	2,000
Blind River	7,500
Bluff Lake	2,000
Boulevard Lake	3,000
Brule Creek	7,000
Canadian National Rly. Lake Mile 51	1,500
Cavern Creek	4,000
Cedar Creek	15,000
Clearwater Creek	1,500
Clearwater Lake	500
Coldwater River	14,000
Corbett Creek	5,000
Cousineau Lake	2,000
Current River	12,000
Dan's Lake	2,400
Deception Lake	2,000
Deep Lake	1,000
Devils Lake	2,000
Dublin Creek	4,000
Duck Lake	2,000
Fall Lake	2,000
Fire Lake	600
Fire Hill Lake	1,000
Fischer Lake	4,000
Fraser Creek	6,000
Golden Gate Lake	4,000
Good Morning Lake	10,000
Gowganda Creek	2,000
Grand Lake	2,000
Granite Lake	3,000
Grass Lake	1,500
Gravel Lake	3,000
Gravel River	6,000
Green Lake	3,000
Gunderson Lake	1,000
Hackle Lake	2,000
Half Moon Lake	2,000
Hazelwood Creek	6,000
Hemdick Lake	4,000
Hidden Lake	3,000
Hornblend Lake	2,000
Indian Lake	1,000
Jackpine Lake	3,000
Jackpine River	1,000
Jackson Lake	2,000
Johnson Lake	100
Kaministiquia River	6,000
Lake Ada	2,000
Lake Eva	3,500
La Saga Lake	3,000
Little Lake	2,000
Little Partridge Lake	2,400
Little Whitefish River	3,000
Loftquist Lake	18,500
Log Lake	600
Lonely Island Lake	2,000
Loon Creek	2,000
Loon Lake	27,400
Lost Lake	2,400
Lower Good Morning Lake	5,000
Lower Pass Lake	3,000
Lower Twin Lake	2,400
Lower Wiggins Lake	5,000
Mac's Lake	800
MacGregor Lake	1,400
Maggot River	1,000
McIntyre River	14,000
McLean's Lake	2,500
McVicars Creek	9,000
Mine Lake	3,500
Mirror Lake	3,000
Moonshine Lake	2,750
Moose Creek	3,000
Moose Lake	3,000
Morgan's Creek	2,000
Mountain Lake	500
Mud Lake	308
Neebing River	28,500
Nilson Lake	2,000
Nipigon River	58,400
Nishin Lake	6,000
Oliver Lake	12,500
Ozone Creek	2,900
Paradise Lake	2,000
Park Lake	1,500
Parsons Lake	4,000
Pass Lake	12,000
Pearl River	6,000
Pickerel Lake	2,000
Pitch Creek	6,000
Pocket Lake	500
Rainbow Lake	3,000
Rat Lake	1,600
Ring Lake	6,400
Ross Lake	3,000
Round Lake	2,000
Sameco Lake	2,000
Sand Lake	6,400
Selim River	1,000
Silver Islet Lake	3,000
Silver Lake	7,000
Single Lake	3,000
South Sucker Creek	5,000
Sox Lake	2,500
Spring Creek	6,000
Spring Lake (Leduc)	2,000
Spring Lake (McTavish)	400
Squaw Creek	3,000
Star Lake	3,000
Strawberry Creek	6,000
Surprise Lake	1,500
Trout Creek	5,000
Trout Lake (Jacques, etc.)	28,000
Trout Lake (Stirling)	24,000
Twin Lakes	3,000
Uncle Tom's Lake	3,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

SPECKLED TROUT—Continued

Thunder Bay—Continued.

Unnamed Lakes and Creeks	2,500
Upper Morgan Creek	2,000
Upper Pass Lake	3,000
Upper Pearl River	6,000
Upper Twin Lakes	3,000
Walker Lake	6,000
Wanoga Lake	1,500
Warnford Creek	3,000
Whitefish River	6,000
Whitewood Creek	6,500
Wideman Lake	6,000
Wild Goose Creek	1,500
Wolf Lake	3,000
Wolf Pup Lake	3,000

Temiskaming:

Beaver Lake	800
Belle Lake	1,000
Boston Creek	1,000
Butler Lake	1,000
Calcite Creek	1,500
Charlotte Lake	1,500
Collacutt Lake	1,000
Crooked Creek	1,000
Crystal Lake	5,000
Dandurand Creek	1,200
Gleason Creek	1,000
Graham Lake	1,000
Green Lake	1,200
Halfway Creek	800
Hooker Creek	800
Jean Baptiste Lake	1,000
Lake of Bays	1,300
Latour Creek	1,000
Leacock Creek	1,000
Legare Creek	1,000
Linnament Lake	800
Little Otter	1,500
Loon Lake	1,500
Moffat Creek	1,500
Munro Lake	800
Nellie Lake	1,200
Pike Creek	1,500
Rowley Lake	1,300
St. Anthony Creek	1,000
Small Spot Creek	800
South Wabi Creek	1,000
Spring Creek	1,500
Sunshine Lake	1,500
Wabi Creek	1,000
Watabeag River	800
Wendigo Creek	1,000
Whiskey Jack Creek	1,800

Victoria:

Corbin's Creek	300
Crego's Creek	300

Waterloo:

Elora Creek	2,000
Erbsville Creek	1,200
Mannheim Creek	1,200

Wellington:

Bell's Creek	3,600
Dwyer Creek	300
Mallot's Creek	500
Mill Creek	600
Ospring Creek	600
Saugeen River	7,200

York:

Doan's Pond	150

Miscellaneous:

Sales—Demonstration and propagation purposes	9,035

ADULTS

Algoma:

Island Lake	1,100
Lake Elizabeth	150
Lake Maude	150

Thunder Bay:

Cedar Creek	200
Coldwater River	985
Half Moon Lake	200
Loftquist Lake	800
Loon Lake	400
Moose Creek	200
Nipigon River	240
Spring Creek	250
Squaw Creek	300
Trout Creek	300
Trout Lake	800

Miscellaneous:

Sales—Demonstration and propagation purposes	240

HERRING FRY

Frontenac:

Rideau Lake	1,000,000

Prince Edward:

Bay of Quinte	2,425,000

Great Lakes:

Lake Erie	33,750,000
Lake Ontario	1,375,000

WHITEFISH FRY

Kenora:

Eagle Lake	1,000,000
Lake of the Woods	15,894,000
Red Lake	500,000
Separation Lake	500,000
Trout Lake	600,000

SPECIES AND QUANTITIES OF FISH PLANTED IN PROVINCIAL WATERS
April 1st, 1939, to March 31st, 1940—Continued

WHITEFISH FRY—Continued

Manitoulin:	
Manitou Lake	1,250,000
Prince Edward:	
Bay of Quinte	61,100,000
Rainy River:	
Rainy Lake	19,300,000
Thunder Bay:	
Lake Nipigon	1,000,000
York:	
Lake Simcoe	1,500,000
Great Lakes:	
Lake Superior	6,465,000
North Channel	18,800,000
Georgian Bay	60,520,000
Lake Huron	26,015,000
Lake Erie	83,588,000
Lake Ontario	28,625,000

APPENDIX No. 2

DISTRIBUTION OF FISH ACCORDING TO SPECIES—1935 TO 1939, INCLUSIVE

	1935	1936	1937	1938	1939
Large-mouthed Black Bass					
Fry	130,000	45,000	135,000	57,500	....
Fingerlings	2,153	8,398	4,120	8,061	1,890
Yearlings & Adults	27*	....	92	....	497
Small-mouthed Black Bass					
Fry	696,000	780,000	1,275,000	804,000	1,386,000
Fingerlings	153,065	69,380	141,900	169,800	226,325
Yearlings & Adults	3,435	5,202	5,893	7,738	7,739
Maskinonge					
Eyed Eggs	....	....	....	....	120,000
Fry	460,000	274,000	420,700	2,005,000	2,675,000
Fingerlings	....	....	....	....	1,300
Perch—Fry	53,031,400	46,080,000	9,150,000	59,150,000	72,360,000
Pickerel (Yellow)					
Eyed Eggs	2,000,000	2,000,000	2,000,000	2,012,500	7,000,000
Fry	229,629,000	300,759,500	263,743,400	271,567,500	327,500,000
Pickerel (Blue)					
Fry	....	....	1,000,000	500,000	....
Brown Trout					
Fingerlings	109,000	147,050	....	....	29,954
Yearlings	9,650	7,290	97,484	{	375,070
Adults	6*	....	....	59,592	....
Lake Trout					
Eyed Eggs	....	3,209,400	3,225,000	2,437,000	1,845,850
Fry	7,773,034	4,165,000	4,667,000	7,665,000	7,236,900
Fingerlings	14,564,000	18,253,244	15,782,350	10,575,200	9,964,400
Landlocked Salmon (Ouananiche)					
Yearlings	13,640	....	....	....	....
Atlantic Salmon—Fry	....	....	7,200	....	....
Yearlings	....	....	....	4,800	....
Rainbow Trout					
Eyed Eggs	....	....	....	....	....
Fry	....	....	....	....	....
Fingerlings	134,075	133,000	105,240	321,600	109,635
Yearlings	314	3,507	....	6,727	23,145
Adults	....	....	....	....	1,009
Kamloops Trout—Fingerlings	85,464	....	80,000	25,821	105,000
Yearlings	10,796	....	....	....	....
Speckled Trout					
Eyed Eggs	....	28,600	....	1,000	....
Fry	1,645,000	182,000	....	....	....
Fingerlings	5,013,831	1,053,050	384,725	373,314	337,000
Yearlings	35,421	557,270	1,167,073	2,083,538	2,976,559
Adults	5,420	6,081	16,150	4,452	6,315
Whitefish					
Eyed Eggs	....	112,500	4,000,000	....	....
Fry	296,482,000	428,402,000	383,683,900	323,700,500	326,657,000
Herring					
Eyed Eggs	....	....	30,000	....	....
Fry	43,760,000	56,120,000	5,270,000	49,725,000	38,550,000
Golden Shiners	500	....	....	....	....
Miscellaneous	....	....	3,053	....	41
TOTALS	655,747,231**	862,401,472	696,395,280	733,265,643	799,496,629

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* Exhibition fish

** This total does not include a distribution of 132,646,600 fry and eyed eggs during the five months immediately preceding the said report.

APPENDIX

GAME AND FISHERIES

Statistics of the Fishing Industry in the Public Waters of

EQUIP

District	No. of Men	Tugs			Gasoline Launches		Sail and Row Boats		Gill Nets	
		No.	Tons	Value	No.	Value	No.	Value	Yards	Value
Northern Inland Waters	825	3	15	$ 10,200	143	$ 67,245	272	$13,802	539,295	$ 65,160
Lake Superior	346	10	328	63,000	122	45,075	43	2,825	891,128	99,067
North Channel	199	8	118	45,200	55	32,680	45	2,780	631,668	74,811
Georgian Bay	432	17	490	110,624	130	109,740	134	5,955	1,329,395	137,282
Lake Huron	389	18	454	122,556	122	79,110	32	1,975	1,589,862	166,881
Lake St. Clair	132	....	......	....	55	13,460	75	3,875	....	....
Lake Erie	943	36	786	276,400	188	221,375	125	6,530	2,100,663	249,146
Lake Ontario	612	....	......	....	219	120,375	129	4,682	1,406,004	126,590
Southern Inland Waters	328	....	......	....	14	2,770	107	3,828	....	....
Totals	4,206	92	2,191	$627,980	1048	$691,830	962	46,252	8,488,015	918,937

APPENDIX

QUANTITIES OF

District	Herring	Whitefish	Trout	Pike	Pickerel (Blue)	Pickerel (Dore)
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Northern Inland Waters	897	1,649,657	258,818	744,792	125,066	1,294,169
Lake Superior	1,398,408	339,609	1,307,365	8,985	11,983	93,962
North Channel	5,133	157,238	504,365	64,028	....	33,262
Georgian Bay	54,007	1,118,017	1,448,917	25,565	608	103,538
Lake Huron	263,127	115,061	1,250,115	616	4,344	213,410
Lake St. Clair	....	650	....	32,587	4,075	54,935
Lake Erie	1,973,355	2,312,167	25	97,217	5,910,769	586,100
Lake Ontario	1,626,994	664,595	268,835	87,794	100,538	10,259
Southern Inland Waters	305	9,979	37,362	1,685	1,566	4,587
Totals	5,322,226	6,366,973	5,075,802	1,063,269	6,157,383	2,389,635
Price per pound	.05	.11	.11	.06	.05	.11
Values	$266,111.30	$700,367.03	$558,338.22	$63,796.14	$307,869.15	$262,859.85

No. 3

DEPARTMENT, ONTARIO

Province of Ontario, for the Year Ending December 31st, 1939.

MENT

Seine Nets			Pound Nets		Hoop Nets		Dip and Roll Nets		Night Lines		Spears		Freezers & Ice Houses		Piers and Wharves		Total Value
No.	Yards	Value	No.	Value	No.	Value	No.	Value	No. Hooks	Value	No.	Value	No.	Value	No.	Value	
...	....	....	46	$ 14,035	56	$1,985	.....	......	3,400	$360	....	....	119	$27,480	93	$10,322	$210,589
...	....	....	50	16,550	....	......	.....	......	18	50	....	....	42	14,085	38	9,060	249,712
...	....	....	56	23,100	....	......	.....	......	......	......	....	....	41	12,500	29	12,400	203,471
4	500	$585	79	84,050	55	755	.....	......	16,562	4,134	....	....	65	18,765	63	31,731	503,621
...	....	....	131	78,250	....	......	1	$ 5	10,404	2,855	....	....	68	26,300	29	6,520	484,452
30	6,700	3,943	124	13,100	....	......	2	102	3,300	214	....	....	18	5,700	12	3,725	44,119
39	13,900	7,410	639	311,700	10	1,000	6	30	2,500	52	....	....	104	107,025	93	36,035	1,216,073
12	620	654	...	....	419	10,680	24	137	2,400	1,020	....	....	34	7,515	32	7,010	278,663
52	4,295	12,312	...	....	220	5,517	35	175	600	210	105	875	22	1,514	6	285	27,486
137	26,015	24,904	1,121	$540,185	760	$ 19,937	68	$449	39,184	$8,895	105	$875	513	$220,884	395	$117,088	$3,218,816

No. 4

FISH TAKEN

Sturgeon	Eels	Perch	Tullibee	Catfish	Carp	Mixed Coarse	Caviare	Total	Value
lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	
166,940	....	23,924	198,258	1,048	34,435	383,818	1,729	4,883,551	$498,193.32
3,173	....	185	36,629	....	....	106,938	....	3,307,237	269,245.94
4,231	....	10,062	3,983	61	602	176,673	45	959,683	88,348.13
1,225	....	5,982	98,483	8,767	47,664	76,005	43	2,988,821	310,122.36
2,951	....	291,552	210,512	8,393	3,302	132,326	243	2,495,952	220,493.01
8,834	....	39,349	....	61,531	250,671	331,323	344	784,299	41,514.09
18,169	....	1,407,232	....	110,357	312,295	1,535,422	903	14,264,011	867,889.51
7,973	22,742	153,048	....	87,458	251,295	230,429	80	3,512,040	234,437.83
1,566	4,587	4,041	....	102,066	242,019	251,085	....	654,695	34,272.18
215,062	27,329	1,935,375	547,865	379,681	1,142,283	3,224,019	3,387	33,850,289	....
.40	.07	.05	.06	.08	.05	.03	1.00	....	....
$86,024.80	$1,913.03	$96,768.75	$32,871.90	$30,374.48	57,114.15	96,720.57	3,387.00	....	2,564,516.37

APPENDIX No. 5
COMPARATIVE STATEMENT OF THE YIELD OF THE FISHERIES OF ONTARIO

Kind	1938 Pounds	1939 Pounds	Increase Pounds	Decrease Pounds
Herring	4,702,917	5,322,226	619,309	....
Whitefish	4,947,679	6,366,973	1,419,294	....
Trout	6,040,471	5,075,802	....	964,669
Pike	1,003,787	1,063,269	59,482	....
Pickerel (Blue)	7,317,124	6,157,383	....	1,159,741
Pickerel (Dore)	2,312,830	2,389,635	76,805	....
Sturgeon	157,582	215,062	57,480	....
Eels	52,606	27,329	....	25,277
Perch	2,977,846	1,935,375	....	1,042,471
Tullibee	759,778	547,865	....	211,913
Catfish	474,058	379,681	....	94,377
Carp	1,072,070	1,142,283	70,213	....
Mixed and Course	3,091,352	3,224,019	132,667	....
Caviare	3,841	3,387	....	454
TOTALS	34,913,941	33,850,289	....	*1,063,652

* Net Decrease

APPENDIX No. 6
STATEMENT OF THE YIELD OF THE FISHERIES OF ONTARIO
1939

Kind	Quantity Pounds	Price per Pound	Estimated Value
Herring	5,322,226	$ .05	$266,111.30
Whitefish	6,366,973	.11	700,367.03
Trout	5,075,802	.11	558,338.22
Pike	1,063,269	.06	63,796.14
Pickerel (Blue)	6,157,383	.05	307,869.15
Pickerel (Dore)	2,389,635	.11	262,859.85
Sturgeon	215,062	.40	86,024.80
Eels	27,329	.07	1,913.03
Perch	1,935,375	.05	96,768.75
Tullibee	547,865	.06	32,871.90
Catfish	379,681	.08	30,374.48
Carp	1,142,283	.05	57,114.15
Mixed and Course	3,224,019	.03	96,720.57
Caviare	3,387	1.00	3,387.00
TOTALS	33,850,289		$2,564,516.37

APPENDIX No. 7
ESTIMATED VALUE OF FISH TAKEN FROM THE WATERS OF THE PROVINCE
1920—1939 INCLUSIVE

1920	$2,691,093.74	1930	$2,539,904.91
1921	2,656,775.82	1931	2,442,703.55
1922	2,807,525.21	1932	2,286,573.50
1923	2,886,398.76	1933	2,186,083.74
1924	3,139,279.03	1934	2,316,965.50
1925	2,858,854.79	1935	2,633,512.90
1926	2,643,686.28	1936	2,614,748.49
1927	3,229,143.57	1937	2,644,163.49
1928	3,033,944.42	1938	2,573,640.97
1929	3,054,282.02	1939	2,564,516.37

The Twenty-First Report

of the

Department of Labour

Province of Ontario

1940

Printed by Order of
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ONTARIO

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Excellent Majesty, 1941

TO THE HONOURABLE

THE LIEUTENANT-GOVERNOR

OF THE PROVINCE OF ONTARIO

May It Please Your Honour:

The undersigned has the honour to present to Your Honour the Twenty-first Report of the Department of Labour of the Province of Ontario for the fiscal year ending March 31, 1940.

Respectfully submitted,

N. O. HIPEL,

Minister of Labour.

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REPORT OF THE DEPUTY MINISTER OF LABOUR

For the Fiscal Year Ending March 31, 1940

TO THE HON. N. O. HIPEL,
Minister of Labour.

SIR;

I have the honour to submit a report on the work of the Department of Labour of the Province of Ontario for the fiscal year ending March 31, 1940.

There are included herein reports on the administration of the following Acts coming under the jurisdiction of the Minister of Labour;—Department of Labour Act, authorizing the establishment of Employment Offices; Employment Agencies Act; Factory, Shop and Office Building Act; Operating Engineers Act; Steam Boiler Act; Industrial Standards Act; Apprenticeship Act and Minimum Wage Act, as well as reports on the Conciliation Service of the Department and on Youth Training carried on under the Dominion-Provincial Youth Training Programme. The Workmen's Compensation Board has reported separately on the administration of the Workmen's Compensation Act.

INDUSTRIAL CONDITIONS

The reports of all Branches of the Department of Labour indicate the improvement in employment conditions in the Province during the year. According to figures of the Dominion Bureau of Statistics the index number of employment averaged 117.2 for the fiscal year 1940, as compared with 112.0 for 1939, based on the 1926 average as 100. The index numbers for all but two of the thirteen divisions showed increases, the most marked being an increase of 28.0 points in the logging industry and 27.2 points in mining, bringing it to an all-time high level.

A decrease in unemployment among trade union members in Ontario was reported, the percentage being 9.6 as compared with 12.9 for 1939.

Expansion in employment was also shown in the building industry. The total value of building permits issued in Ontario for the fiscal year 1940 amounted to $28,918,533, an increase of $4,031,566, or 16.2 per cent as compared with the previous year.

LABOUR DISPUTES

During the fiscal year there were 36 strikes reported in Ontario, in which 6,075 workers were involved with a time-loss of 50,468 man-working days. The amount of time-loss was the smallest since 1932 and showed a decrease of 42 per cent as compared with 1939. In only three of the strikes were more than 500 workers involved and these were of less than one week's duration. In twenty strikes less than 100 workers were involved.

Five strikes in the rubber industry caused 45 per cent of the total time-loss, four in the textile industry 22 per cent and six in the manufacture of metal products 15 per cent of the time-loss.

One-half of the strikes, involving 76 per cent of the total number of workers, were settled by compromise; seven were settled in favour of the workers, six in favour of the employers; four were indefinite as to outcome and one remained unterminated at the end of the fiscal year.

CONCILIATION AND NEGOTIATION

The Chief Conciliation Officer and other officials of the Department of Labour assisted in the settlement of strikes which involved approximately 67 per cent of the total number of workers out on strike, and resulted in 88 per cent of the total time-loss.

DOMINION-PROVINCIAL YOUTH TRAINING PROGRAMME

The agreement covering the fiscal year 1940 between the Dominion and provincial Governments pursuant to the Youth Training Act was signed on July 26, 1939. During the year 2,913 persons were assisted under this Programme and 2,645 of them, or approximately 90 per cent, were placed in employment on the completion of the training course. This total includes 166 young men who joined the Royal Canadian Air Force after receiving their training as aircraft mechanics. The chief courses provided were aircraft mechanics with 207 trainees; welding 131; machine shop practice 122; sheet metal 62; learnership training within industry 1,211; rural training 395; tobacco curing 36 and home service training for domestics 548.

Before war was declared the Department of Labour was requested by the federal Government to train groundmen for the repair and maintenance of aircraft and the Aircraft Training School was opened at Galt in September 1939 with 207 young men from all parts of the Province, who had expressed the desire to enlist in the Royal Canadian Air Force as skilled mechanics. Students at this school are paid transportation to Galt and a living allowance of $9.00 per week and are billeted in homes selected and sponsored by reliable civic authorities. Students are required to sign a declaration that they are willing to join the Air Force on the completion of their training at the school and they must be passed as physically fit by the medical board of the Air Force.

The learners within industry, numbering 1,211 young men and young women, were placed in practically every branch of industry to receive definite training for periods varying from six to thirteen weeks according to the nature of the work undertaken and the time required to bring the trainee to proficiency. They were paid the normal trade rate of wages during training.

The results achieved by the farm training project were also gratifying. The 395 trainees were young men from urban centres in need of assistance and with a liking for farm life. They were placed on year-round agreement bases, after a month's probation period, with farmers who had undertaken to teach them farming, and there is every indication that many of them will be working their own farms in the near future.

ONTARIO GOVERNMENT OFFICES, EMPLOYMENT SERVICE OF CANADA

In the Ontario Government Offices of the Employment Service of Canada 307,612 applications were made for employment and 137,551 vacancies were registered during the year. Placements numbered 133,866, bringing the total placements in the past twenty-two years up to 3,127,330.

Greater responsibilities have been undertaken by the Employment Offices since the declaration of war. In the early months of the war a special province-wide voluntary registration of skilled and semi-skilled labour was carried on by these Offices in anticipation of the increased demand for labour in essential war industries. The greater stress being laid upon the training of aircraft mechanics and the opening of the Aircraft Training School and other special classes for training in wartime industries increased the duties of the staff of the Employment Offices in connection with the selection of trainees, the arranging for transportation to and from training centres and the placing of trainees on the completion of their training.

Two new Employment Offices were opened during the year at Barrie and Galt and both have proved of great service to the communities.

FACTORY INSPECTION BRANCH

The responsibilities imposed upon the Factory Inspection Branch have increased with the expansion in industry due largely to the placing of war orders. Many new factories have been built and additions made to existing plants, and all plans for such new buildings must be submitted to this Branch for approval. During the fiscal year the value of such construction work amounted to $12,375,270, or an increase of 58 per cent as compared with the previous year.

The greater use of machinery and of new types of machinery has increased the hazards in industry, which necessitated extreme vigilance on the part of the inspectors in order to guard the safety, health and welfare of employees and to maintain proper working conditions. There were 3,481 accidents reported during the year, a higher record than last year, but the fatalities were fewer, the number being 22 as compared with 36 in 1939.

Another effect of wartime conditions was the increase of nearly 800 in the number of permits issued. These totalled 4,882, of which 2,642, or an increase of 590, concerned hours of work for female employees. Complaints received numbered 118. Of this number 46 were of long hours and in certain cases it was necessary to institute proceedings, which resulted in nine convictions and the withdrawal of one case.

BOARD OF EXAMINERS OF OPERATING ENGINEERS

The Operating Engineers' Board reported a total of 1,730 candidates for examination, 678 of whom were examined in Toronto and 1,052 at outside centres. The certificates issued during the year numbered 16,919 and the net revenue amounted to $26,123.12, the revenue from the sale of text books being $1,767.85.

Legal process was not necessary in the enforcement of the Operating Engineers Act, breaches of which were dealt with in 379 cases, as compared with 833 cases the preceding year.

Wartime conditions brought new problems to the Board, such as the question of the possible lapse of certificates of men on active service, the aid required by firms in replacing engineers due to enlistment, and the increasing assistance requested by the recruiting centres of the Royal Canadian Naval Volunteer Reserve in the selection and classification of engine room and stoker ratings.

BOILER INSPECTION BRANCH

The work of the Boiler Inspection Branch was greatly increased during the year, due in large part to this Branch having assumed the responsibility for the annual inspection of uninsured boilers and pressure vessels in the Province towards the close of the previous fiscal year. The number of such inspections made totalled 3,303, and of other used pressure vessels 1,164 inspections were made, making a total of 4,467. Inspections of new pressure vessels numbered 2,236, of which 888 were first, 559 second and 789 were final inspections. These new pressure vessels were intended for Ontario and seven of the other provinces, and 15 of them were for England, South America, Newfoundland and Labrador.

The drawings and specifications surveyed, registered and re-registered during the year totalled 395, or 61 more than the number last year. This increase in the volume of inspection work accomplished by the Branch resulted in a corresponding increase in the number of certificates issued, 5,562, almost double that of last year.

The total monies transmitted by the Branch to the Treasurer of Ontario amounted to $27,121.31, as compared with $18,407.80 in 1939.

INDUSTRY AND LABOUR BOARD

The Industry and Labour Board administers the Industrial Standards Act, the Apprenticeship Act and the Minimum Wage Act.

INDUSTRIAL STANDARDS ACT: Thirty-six official conferences were held during the year pursuant to the Industrial Standards Act, and twenty-six of the thirty schedules submitted by these conferences were approved. At the end of the fiscal year there were ninety-six schedules in effect in the Province.

The amount of arrears of wages collected totalled $7,013.56 from 127 employers on behalf of 314 employees. This amount shows an increase of $1,921.42 as compared with last year's total. Ninety-nine prosecutions pursuant to this Act, being half the number of last year, resulted in seventy-five convictions with fines amounting to $618.25.

APPRENTICESHIP ACT: During the year 516 apprentices were registered pursuant to this Act, as follows;—100 in the various building trades, 140 in the motor vehicle repair trade and 276 in the barbering and hairdressing trades. The number of active apprentices at the close of the fiscal year totalled 1,496.

A very successful class for apprentices in the motor vehicle repair trade was held in Hamilton and a class in hairdressing was held in Toronto with satisfactory results. In January and February full-time day classes in carpentry and bricklaying were conducted in Hamilton and all first and second year apprentices in these trades were given the opportunity of attending.

MINIMUM WAGE ACT: Wage returns were received by the Minimum Wage Branch from 14,954 employers of female workers, who reported on 432,892 employees, of whom 129,111 were female employees and 303.781 were male. These figures indicate a decided improvement in the employment situation, as compared with the previous year.

The checking in these returns resulted in wage adjustments for 1,674 female employees in 929 firms. The sum of $12,946.17 was collected as arrears of wages from 337 employers on behalf of 463 female employees.

During the year thirty-five charges were laid against eighteen employers. Fourteen convictions were registered with fines amounting to $140.

CONCLUSION

Since the declaration of war all Branches of the Department of Labour have increased their services to the public. New responsibilities have been imposed by wartime conditions and these have been met with ready response from all members of the staff.

Early in October 1939 a committee, having the Deputy Minister of Labour as chairman and composed of heads of various Branches of the Department and a representative of the Industrial Hygiene Branch of the Department of Health, was formed to deal with requests for special concessions from firms engaged on war orders. These requests are usually for permits to employ female workers beyond the limits set forth in the Factory, Shop and Office Building Act in order to ensure prompt delivery. The principal function of the committee is to assist employers to meet demands for greater output within the requirements of the law and, when necessary, to grant concessions with such safeguards that there may be no undue hardship to workers subjected to the strain of the speeding-up process.

I have the honour to be, Sir,
Your obedient servant,
J. F. MARSH,
Deputy Minister of Labour.

ONTARIO GOVERNMENT OFFICES OF THE EMPLOYMENT SERVICE OF CANADA

GENERAL SUPERINTENDENT—H. C. HUDSON

EMPLOYMENT OFFICES AND THE WAR

The year under review includes six months prior to the outbreak of hostilities involving the British Commonwealth of Nations. During this time the problem of unemployment continued to be a matter of grave concern for municipal, provincial and federal authorities. From almost the first month of the war its effect upon industry and labour has been increasingly felt and, as the conflict has developed unemployment has continued to decrease month by month.

New and greater responsibilities have been undertaken by the staff of the Ontario Employment Offices. In the early months of the war a province-wide registration of applicants, particularly those of skilled and semi-skilled trades, was undertaken by these Offices. The form known as E. O. 32, Special Application for Industrial War Work, was used and has proved extremely valuable in making available a comprehensive record of applicants from which to supply employers' needs, especially in primary departments of essential war industries.

GROWTH IN THE ONTARIO SERVICE

Under the terms of the Employment Offices Co-ordination Act of 1918, the federal and provincial Governments have continued their co-operation in maintaining the Employment Service of Canada. During the fiscal year the federal Government provided approximately twenty-five per cent of the funds expended by the Employment Offices in the Province of Ontario.

The great majority of the thirty-three Offices operating at the end of the fiscal year 1940 have been rendering continuous service for more than twenty-one years. As will be noted, the Employment Service of Canada was organized during the period of the last Great War, when the principal function was the placement of men and women in factories manufacturing munitions and other types of armaments and war materials, and also on farms to assist in the planting and harvesting of crops when food production campaigns were inaugurated to ensure adequate food supplies.

During the past twenty-two years 3,127,330 placements of a permanent and casual nature have been made by the Ontario Offices, which total indicates in large measure the effectiveness of the Service and its continued growth. The opening of Offices at Barrie and Galt is another indication of this expansion. Already the use of these Offices has increased considerably and they have become valuable units in the chain of Offices.

PLACEMENTS

The statistical table showing applications, vacancies and placements will be found elsewhere in this report. The records show that the number of placements for the fiscal year, 133,866, exceeded last year's total by 10,559. Approximately 97 per cent of all vacancies were filled. This is a high figure considering the difficulty of filling jobs offering sub-standard wages or commission sales jobs, which do not appeal to the average man endeavouring to support himself. Tribute must be paid the staffs of the various Offices for their accomplishments in this regard and for maintaining the highly desirable policy of courtesy and efficiency. Complaints have been very few in number during the year.

DOMINION-PROVINCIAL YOUTH TRAINING PROGRAMME

Although there is a separate branch of the Department of Labour concerned primarily with the problems pertaining to the Dominion-Provincial Youth Training Programme, a good portion of the actual work has centred in the Head Office and the branches of the Employment Service. Employment Office Superintendents and their staffs continue to perform a large part in the selection of trainees, in the arranging for transportation to and from training centres, and later in their placements in jobs.

EMPLOYMENT OFFICES AND RELIEF WORK

Continuing our policy of co-operation with other departments of the Government, 6,205 placements were made by the Employment Offices on projects of the Department of Highways and the Hydro-Electric Power Commission. Of these jobs 4,444 were filled by men from relief rolls or from needy cases in the community and the remaining 1,761 were filled by key men and other unemployed men in the district concerned. As in former years a representative of the Employment Service was placed on large projects in order to render the maximum of service to those seeking employment and to facilitate the filling of employers' requirements.

Throughout the period of depression the Employment Offices have co-operated with the Department of Welfare in coping with the problem of unemployment in respect to those requiring assistance. As opportunities of employment increased, our Employment Offices have played an important part in taking men off the relief rolls and placing them in jobs.

CLEARANCE AND IMPORTATION REQUESTS

One of the important features of the work of the Employment Service which has continued throughout the years is the operation of the Clearance System. At present this phase of our activity becomes increasingly important in the filling of labour requirements, particularly with firms engaged in the manufacturing of essential war equipment. Details of jobs which can not be filled locally are sent to all other Employment Offices in the Province, thereby covering the whole of the provincial field in the search for qualified workers for employers. In many cases Dominion Clearance circulation is necessary in order to locate applicants with the exact qualifications specified by the employer, and in such cases particulars of the order go from Ottawa to every Employment Office in Canada. Figures relating to these transfers will be found in the table on page 23.

The Employment Service co-operates with the Immigration Branch of the federal Department of Mines and Resources in connection with the "importation requests" received in that Branch. The Employment Offices endeavour to locate applicants qualified to fill the special positions for which employers are seeking to bring workers into Canada, and a report is made to the Branch as to whether or not such help is available in this country.

GENERAL

As heretofore, every effort was made to see that the farmers throughout the Province were provided with help and the record of placements by the Employment Offices indicates that progress was maintained on a level comparable with that of last year.

The summary of the reports received from the Superintendents of the various Employment Offices, which will be found on the following pages, gives further details of the work performed by these Offices.

OUTLINE OF ACTIVITIES OF ONTARIO GOVERNMENT OFFICES OF THE EMPLOYMENT SERVICE OF CANADA

BARRIE

Primarily for the purpose of supplying civilian labour required at Camp Borden, an office of the Emloyment Service was opened in Barrie in October 1939. By the end of the fiscal year 986 placements had been made by this Office, the great majority of which were at Camp Borden for the Department of National Defence. Local employers of labour and farmers in the district were, however, availing themselves to the facilities offered by the Office and called the Service for clerical, factory and farm help.

BELLEVILLE

The Belleville Office reported increased activity for the year, with more employers using the facilities of the Office, more applicants registering and more placements being made. Much of the civilian labour required for the Royal Canadian Air Force Station at Trenton was obtained through the Employment Service of Canada. The Belleville Office supplied a number of skilled and unskilled workers for regular maintenance work, and 70 labourers for the cutting of brush and making runways and 60 men for work in the mess and general duty. In addition a civil engineer and two men experienced in survey work were placed.

In the industrial field the most important development was probably the locating in this district of the Bata Shoe Company, formerly of Czecho-Slovakia. With splendid co-operation from other Employment Offices, the Belleville Office was able to render a valuable service in supplying a great deal of the help required on all types of work by this firm. Shoe production commenced the latter part of August and by the end of the fiscal year 315 learners were employed on this work. This Office also supplied the majority of the 120 men employed in the machine shop operated by the firm as well as most of the members of the office staff. In addition to the five-storey factory building, 55 houses have been built by the company and 65 men were working on the building site at the end of the year. This company is also engaged in making precision instruments for the British Government.

Approximately 200 young persons from this district were placed under the Youth Training Programme, in connection with which evening registration was carried on in some of the outlying municpalties. The young women referred to the Home Service Training School did creditable work and were placed satisfactorily on their return to this district. There was a general shortage of experienced domestic help and many of the experienced girls, who might otherwise have taken to domestic work, have been employed as learners in the shoe firm.

BRANTFORD

Due in a large measure to the bountiful crops in Brant County, the Brantford Employment Office was able to maintain a satisfactory level of farm placement activity, which compares favourably with that of last year. Farm placements numbered 845. The total shown for last year was greater because it included all placements made in Norfolk County through the Simcoe Office which was at that time under the supervision of the Brantford Office. Since the beginning of this fiscal year it has been operating as a separate office, in charge of its own records. The number of tobacco growers continued to increase in this district, with the result that some 200 of them will be concerned in the marketing of the 1939 crop. The marketing association in this industry requested its members to reduce the acreage about one-third in 1940, in order to prevent hardship because of the difficulty in marketing due to curtailment of exports to Great Britain.

Brantford and Paris, both industrial centres, were turning out war equipment in many of their factories the last few months of the fiscal year and were prepared to increase their volume of production of iron, steel, textiles and other materials contributing to the war effort. Manufacturers of agricultural implements, employing approximately 1,800, were working on orders for parts of aeroplanes and army trucks in addition to their regular lines, and other machine shops had orders for munitions, machinery, army trucks and ambulances, working day and night shifts in many instances.

Many firms in the textile industry, in which approximately 3,200 are employed, were manufacturing military uniforms, materials for uniforms, and army blankets, and others were busy on work which might be classed as indirect war work.

Most employers have co-operated with the Employment Office when requiring help and approximately 450 workers have been placed in industry through the Service. In some cases it was necessary to call on other Offices of the Employment Service for workers who could not be obtained locally. As usual the Clearance System has proved invaluable in recruiting workers, especially in connection with filling urgent orders for war work.

Approximately 500 placements were made in the Women's Division. There was a continued scarcity of competent domestics, and girls trained at the Home Service Training Schools were placed satisfactorily. Opportunities for factory employment improved during the year with the increased activity in most lines of industrial work.

CHATHAM

The Chatham Employment Office reported that many firms were somewhat busier than in the previous year. Greater activity in the building industry kept building mechanics employed and many skilled and unskilled workers were placed through this Office. As in other parts of the Province, little highway work was undertaken in this district, and one hydro project required about 100 men for four weeks' work. This Office supplied the men for city work, which is carried out on the shift and rotation basis, but the work required of relief recipients was taken care of by the Welfare Department.

There was a good demand for farm workers in this district and more than 1,300 such placements were made. In addition a great many workers who gathered outside the Office in the early morning were picked up by farmers and brought back at night. It was impossible to keep track of these as placements, and usually the supply on hand took care of the demand.

There were greater opportunities for work for girls and women in retail stores and in textile and food plants, which fact caused a greater shortage in the supply of domestic help.

FORT WILLIAM

The placements made by the Fort William Office totalled 1,384 for the year, an increase of 1,378 as compared with the previous year. A number of carpenters and labourers were placed on the work of changing the municipal airport into a training school under the Empire Training Scheme. Skilled workers were also sent to the shipbuilding company building boats for the Dominion Government and to a firm manufacturing planes for the British Government, employing approximately 800 men at the end of the fiscal year.

On building construction placements showed an increase over last year but on highway work the placements decreased by approximately 200. Considerable work was carried on by the Canadian Pacific Railway on its road between Fort William and Kenora and more than 600 men were sent out from this Office. Such placements entailed a great deal of work outside office hours because of the urgency of the orders, but the efforts put forth by the members of the staff were greatly appreciated by the Superintendent at Kenora. During the fall rush of grain 10 young men were sent to the company to learn switching and braking. Calls were also received for carpenters and labourers to fit ocean steamers for carrying grain, and for stevedores for unloading freight.

Increased woods operations resulted in an increase of approximately 160 per cent in the number of placements in the logging industry, while calls for workers for mines and farms were fewer than last year.

GUELPH

The Guelph Employment Office reported a successful year with an increase of 848 in the number of placements made. Manufacturing plants generally were busy, especially those in the textile industry, and more than 850 workers were placed in one textile factory by this Office during the first seven months of the war. Fewer orders were received for farm work and no highway work was carried on in the district, which meant many unskilled labourers remained unemployed. It was impossible to take care of all orders for domestic help because of so many women turning to factory work.

HAMILTON

Since the outbreak of war the Hamilton Employment Office has co-operated closely with military authorities in collecting mechanics required on various projects, and also obtained engine room artificers and diesel engine operators for the Royal Canadian Navy. Particular attention was given in assisting the officials of the British Supply Board in obtaining all the examiners required for munitions, and factories working on war contracts were kept supplied with the necessary skilled help. Many large firms are building additions to their plants and a new tin-plate mill is being built and is expected to be in operation in July, 1940. Industry in general showed a decided improvement during the year, resulting in an increase of nearly 1,200 in the total number of placements made by this Office.

The Office also played an important part in placing boys as apprentices in industry and on farms under the Dominion-Provincial Youth Training Programme and a number were sent from this district to the Aircraft School at Galt. Three instructors for this school were also obtained through this Office.

A survey of handicapped civilians revealed the fact that more than 800 such persons are seeking employment through the Employment Office. Men on relief in Hamilton have been working for the city for the value of relief given, which has greatly reduced the volume of such work available for men usually employed on this type of work.

The Women's Department showed increased activity in every line during the year, the number of placements being nearly 500 greater than last year. Many plants were working full staff with some overtime, especially those working on war contracts, and a number of girls were placed as examiners on shells. Because of a preference for this type of work and for general factory or store work, we have had few applicants for domestic work and many orders have remained unfilled. The girls from the Home Service Training School have fitted in well and given general satisfaction. Casual work has improved this year and jobs have lasted longer.

KENORA

The decline in the volume of highway construction in the Kenora District resulted in a decrease in the number of placements made by the Employment Office, although there was an increase in the number of placements in all other lines of business, due mainly to greater activity on the railways and to improvement in the logging and steadiness in the mining industries. A considerable number of men were put to work on the trains by the Canadian Pacific Railway, and in their shops, and rock blasting and bank widening operations provided work for several hundred men, 360 of whom were sent from this Office. For this work unemployed persons were recruited all along the line between Kenora and Dryden, 100 miles away, where officials of the Department of Highways assisted in arranging for the hundred men taken from this area.

With the improvement in conditions in the logging industry the larger, established firms were employing all their old hands and the newer and smaller operators found difficulty in obtaining help locally. Many bushworkers in this district prefer to make Winnipeg their headquarters between jobs, and are usually transferred back to the district from the Winnipeg Employment Office when work opens up again This year 470 were transferred into this zone. Employment in the mining industry was steadier with smaller labour turn-over. As in previous years the doctors making the tour of the mines for the examination of workers for the Workmen's Compensation Board stopped over on three occasions to examine groups of workers at the Employment Office as to their fitness for underground work, and 60 thus approved were placed shortly after. From time to time the local supply of mine workers was exhausted.

Under the Dominion-Provincial Youth Training Programme, 7 youths were sent to the Aircraft School at Galt and 8 girls were given training in one of the Home Service Training Schools and satisfactorily placed on the completion of their term Thirty-five youths were placed on the National Forestry Project.

KINGSTON

Industrial employment in Kingston was somewhat improved as compared with the previous year, with a resulting increase in the number of placements made by the Employment Office. The locomotive company was employing 650 on their orders for 23 locomotives, a shipbuilding firm had 200 working on orders for three vessels of the trawler type and the aluminum company expected to have their plant ready for partial production shortly and to employ approximately 600 steadily when in full production.

Farm placements numbered 139 and there was a scarcity of experienced farm help because of other jobs at higher wages being available.

KITCHENER

The orders for war supplies placed in Kitchener and district were not sufficient during the fiscal year to necessitate greatly increased staffs. However, 7 girls were placed by the Employment Office as power machine operators on such work, 12 were sent for special training as shell inspectors and 29 metal workers were placed in various machine shops. Many factories were in need of skilled mechanics in the metal trades at the end of the year.

Few cities the size of Kitchener have such a diversity of industries, and plants in practically all lines operated at a high level during the fiscal year. Three firms made substantial additions to their buildings and equipment, and one firm distributed bonuses amounting to $27,000 among the employees. Strikes disrupted business in the rubber industry for more than a month but firms have since been busy, one firm operating at its greatest capacity so far.

LONDON

The London Employment Office supplied approximately 600 building tradesmen and labourers for work on the building and remodelling of military headquarters, camp, barracks, ordnance stores and airport. The Office also supplied all the tradesmen on the building of the Public Library and the hospital unit, and it was required that all workers on these projects be bona fide residents of London. We were instrumental in having a by-law to this effect passed by the City Council, which enabled us to make better provision for our local building tradesmen. We also supplied considerable help on two large industrial buildings.

Although the chief demand in farm work was for experienced single men, many of whom were placed at good wages, 34 married couples were also placed, receiving free house, milk, and garden, in addition to a fair rate of pay.

Under the Youth Training Programme, 10 youths were sent from this district to classes in welding and aircraft, 11 were placed in industry as learners or apprentices and 5 were placed as learners on farms, as well as 3 girls in the Home Service Training School at Preston.

In the Women's Department there was small demand for factory workers and many girls and women registered for such work, especially after the declaration of war, when they hoped to be required for munition work. The supply of clerical workers was also much greater than the demand. In the domestic field there was a shortage throughout the year of fully competent domestic workers, and few orders for inexperienced young girls. For casual work the supply of first class help always exceeded the demand.

NEW TORONTO

Increase in industrial activity in the New Toronto district resulted in a decided increase in the number of placements made by the Employment Office, amounting to approximately 60 per cent, as compared with the previous year. Additions have been made to many factory payrolls, numbering as many as 400 and 500, and several firms are enlarging their plants.

In co-operation with the Toronto Office, the New Toronto Employment Office supplied men for the erection of buildings for the Empire Air Training School at Malton, and also for the work there on the water main system for the Royal Canadian Air Force. Help has also been sent to the various firms in the district working on orders for war supplies or materials.

The demand for all classes of mechanics has created a shortage in this district and the need for the extension of training facilities is apparent, both for youths and for older men who have lost their skill along these lines through long periods of unemployment. Under the Youth Training Programme, 14 lads were placed for training in the Aircraft School at Galt, several others in machine shop and welding classes, a number were placed for training in industry, and several on farms.

NIAGARA FALLS

During the fiscal year the activities of the Niagara Falls Employment Office increased in every respect, the number of placements, 2,078, showing an increase of 40 per cent. as compared with the previous year. Special assistance was given the several firms in this district in obtaining the additional help required in filling their war orders. The two most important of such orders were from the aircraft company which tripled its payroll, and the manufacturers of parachutes. Among the workers supplied were sheet metal workers, power machine operators, buffers and machinists. Improvement in industry in general was indicated by an increase of approximately 20 per cent. in the numbers employed, which meant a substantial decrease in the relief rolls.

Fewer placements than last year were made in the building industry, but 214 were placed on highway construction work.

Considerable work was carried out through the Niagara Falls Veterans' Security Committee and 202 veterans were placed as police guards on power plants, private utilities and industrial plants. Only a small percentage of physically fit ex-service men remained unemployed.

Under the Youth Training Programme, 20 young persons were placed as learners or apprentices in industry, 3 as machinists, 5 sheet metal workers and 4 youths who completed the aircraft training in the Galt School went into the Royal Canadian Air Force. Forty-one girls who had taken the six-weeks' course for waitresses were placed, as were 4 girls who had graduated from the Hamilton Home Service Training School.

NORTH BAY

Unlike most parts of the Province, a great deal of construction work was done in the North Bay zone, the 36 projects on the Trans-Canada Highway providing work for approximately 4,000 men over a distance of 340 miles. Projects were systematically supervised in an endeavour to protect the interests of citizens in the neighborhood, and our previous custom of a fair division of employment was adhered to. Approximately 50 per cent of those employed were taken from relief rolls, the remaining 50 per cent being men in otherwise necessitous circumstances. Building, railways and the mining industry provided little opportunity for the placements of workers during the year, and farm placements were few due to the amount of highway work available.

Activity in the logging industry showed an improvement of approximately 30 per cent and towards the end of the fiscal year conditions improved both in sawmills and in the pulpcutting. A tremendous increase in the demand for lumber for the various war services and for other domestic purposes, as well as for export to Great Britain, is anticipated and camps and mills will probably be working to capacity during the next season.

Under the Youth Training Programme, several youths were sent for training to the classes at Galt, 2 girls took the Home Service Training, 50 youths were given forestry training in co-operation with the Department of Lands and Forests, and 35 graduates of the Haileybury School of Mines were placed.

OSHAWA

Employment conditions in Oshawa showed a substantial improvement during the fiscal year, which resulted in increased activity for the Employment Office, with placements 11 per cent in advance of the previous year. In addition to local placements 49 workers were sent through the Employment Clearance System to jobs elsewhere, mostly skilled machine shop workers or apprentices, who were employed in Belleville. There was a great increase in the number of men placed in casual employment during the year.

Farm orders were about the same as usual, and because of satisfactory placements in the past, practically all farmers formerly assisted returned this year, as well as some new customers.

The Office was able to take care of most of the orders for domestics and for women for work by the day. Graduates of the Home Service Training Schools were much in demand and were placed in good positions.

OTTAWA

The number of placements made by the Ottawa Employment Office during the fiscal year 1940 totalled 26,577, being the greatest number ever recorded for this Office and nearly 6,000 more than last year. Many calls were received from the Royal Canadian Air Force for highly skilled mechanics, and all men thus placed were required to pass a trade test before being accepted. A considerable number of semiskilled men were also placed on work at the same Depot. There was a heavy registration of applicants for industrial war work, and many skilled mechanics were placed with an airplane factory, as well as a great many "learners." The Department of National Defence called for highly technical men.

A considerable building programme of both public and private buildings was carried on in Ottawa and the Employment Office worked in close co-operation with the Government and the contractors in obtaining skilled and semi-skilled workers for these projects.

The number of farm placements, 1,746, was the highest on record and 546 more than last year. As usual the demand was mostly for fully experienced men and even in the busy season it was a difficult matter to place those with no experience. Approximately 250 bushmen were placed with firms operating in Northern Ontario.

Highway work was considerably curtailed as compared with previous years, there being no new work undertaken in this district. There was a steady demand for workers on casual jobs for the city and these were supplied without delay. The registration of young persons anxious to be placed under the Dominion-Provincial Youth Training Programme was continued and many were placed in industry as "learners." Several lads from this district were selected for the Aircraft School at Galt. In addition, 100 young men between 18 and 25 were selected by this Office from families in necessitous circumstances and sent for the five-months' course at Petawawa under the Dominion Forestry Programme. This course proved a great success and many of these young men later enlisted in the Canadian Expeditionary Force. Twelve lads were also placed in the laboratory under the supervision of the Federal Forestry Division.

In the Handicap Section 366 placements were made, which number is a slight increase over last year.

The Women's Department had an exceptionally busy year and the placements for practically each month showed a considerable increase over the corresponding month in any of the past four years. There was an increase in the number of orders received for domestics to live out, but as few employers were willing to pay a higher wage to meet the extra expense of living out, these orders were difficult to fill. Up to the end of the fiscal year there had been little demand for women munition workers and there was a considerable waiting list of applicants who had registered specially for this work.

The Home Service Training School continued as part of the Dominion-Provincial Youth Training Programme with encouraging results during the year. After the three months of training the girls are prepared for better posts in domestic work and are paid higher wages. As all trainees are from families in necessitous circumstances, the value to the community may be easily recognized.

OWEN SOUND

An increase of approximately 650 in the number of orders received and in the number of placements made by the Owen Sound Employment Office indicates the satisfactory manner in which this Office has been gaining the confidence of the community during the second year of operation. The majority of the regular placements were for work in factories, on farms or construction. Building mechanics were supplied for work on the remodeling of a building to be used as a barracks, the preference being given to returned men.

Under the Youth Training Programme 18 youths from this district were sent for courses of training at Galt, 20 were placed as learners in industry, and 9 girls were sent to Home Service Training Schools.

PEMBROKE

There was a steady demand for farm help during the summer months and the Pembroke Office was able to fill all orders received. Generally speaking manufacturing firms operated more steadily than they have for several years and considerable improvement was noted in the lumber industry, with logging providing employment for 50 per cent more than in the previous fall and winter.

Considerable construction work was undertaken at the Petawawa Military Camp and unemployed carpenters were placed on this work as well as 175 labourers. Work at the Forestry Station also required 100 labourers and various other types of help.

A number of youths from this district were given training under the Youth Training Programme and many more were sent to the training project known as the National Forestry Programme. The girls who completed their courses at the Home Service Training Schools were placed in good positions, and in general domestic work the number of placements increased about 60 per cent as compared with the previous year.

PETERBOROUGH

Employment conditions in many firms in Peterborough, which had been working short time the first part of the year, improved to such an extent that they were working to capacity, overtime or two shifts being worked in some cases. Several additions were made to industrial plants during the year and these and the activity in house building kept most of the skilled tradesmen busy. The supply of men for casual jobs was more than sufficient to take care of the calls for this type of work so that such orders could be satisfactorily filled without delay. This was also the case with day workers in the domestic section, although there was a shortage of experienced household workers for permanent jobs.

PORT ARTHUR

The placements of the Port Arthur Office totalled 7,670, of which 4,471 were made in the logging industry. The output in this industry was practically double that of the previous year, and the shortage of experienced help made it necessary to have approximately 1,300 workers transferred in to this district. Placements on highway construction numbered 785, most of which were for work on a road into the mining area east of Port Arthur. The two railway lines showed great improvement as regards employment opportunities, having the best season for maintenance labour since 1929. We were able to place with them approximately 600 single men who had been employed by the city on unemployment relief work. Because of the increase in demand for labour of this kind the city was able to discontinue the relief projects for unemployed single men, on which this Office had placed about 600 men on a six-day rotation basis the previous year.

The Port Arthur Office provided the 62 workers required for the reconstruction of a building for the barracks of the Royal Canadian Navy. The ship-building plant employed 250 men reconstructing their yard and installing modern equipment preparatory to work on their contracts for eight submarine-chasers. This Office kept in daily contact with all construction and maintenance departments of the city, co-operating to the fullest extent when help was required.

Difficulty was experienced in placing inexperienced girls in domestic work, as most orders were for thoroughly experienced help. The total of placements in the Women's Division, however, was slightly above the average.

ST. CATHARINES

The number of placements made by the St. Catharines Office showed an increase of approximately 490, as compared with the previous year, and 764 of these were for farm work. This increase was in keeping with increased activities in local plants which made it difficult at times for the Office to supply all the skilled and semi-skilled mechanics required. The Employment Clearance System of the Service was of great value in helping us meet the demand and we were also able to send 58 workers to jobs in outside localities. Several plants were working on direct war orders or were supplying parts or materials to firms employed on such work, and additions were being built to several plants.

ST. THOMAS

During the fiscal year the new Ontario Hospital Buildings were taken over by the Department of National Defence as a Royal Canadian Air Force Training Centre. The St. Thomas Employment Office placed 111 men on construction work on these buildings, the majority of whom were employed on the alteration work after the change, and 65 with contractors on this job. In addition 123 men were placed as permanent janitors at this Training School. Greater activity is anticipated in the near future, when the contracts are awarded for the new buildings necessary and for work on the tract of land to be used for an air and bombing port. Placements were few on highway and hydro work as almost no work of this nature was undertaken in the district this year.

SARNIA

The Sarnia Employment Office has placed guards for the Department of National Defence, mechanics and labourers for the work of remodelling a building to be used for the accommodation of troops, and has supplied both skilled and semi-skilled help for firms working on war orders.

There was a general increase in both the volume of business and in employment in industrial firms, the majority of which applied to the Office for skilled and unskilled labour. The Office also supplied a great deal of the additional help required by local contractors to take care of the building programme, the value of which was about 50 per cent greater than the previous year. Orders received for marine help were easily filled with a good type of applicant and labourers were sent to local cartage firms and other firms for the unloading of cargoes. The volume of freight increased this year and the elevator company reported that business had trebled.

SAULT STE. MARIE

The number of placements of the Sault Ste. Marie Office showed a decline of approximately 400, due largely to the lack of highway construction work in the district the last half of the year. Highway construction in the early part of the year was spread over a wide area and the first-class service rendered by the Employment Office in supplying men for the contractors entailed considerable overtime work for the staff. Logging operations showed a slight increase over the previous year and help was sent to several firms, while others took on former employees or men from the locality where the work was being carried on.

Owing to further decline in construction and maintenance work on the railway, only a limited number of men were required and preference was naturally given former employees, so that no placements were made through the Employment Office. In former years the Office has placed hundreds of men on this type of work, which provided employment for large numbers of unskilled labourers.

Industrial development in the district has been satisfactory and prospects for employment are better than ever before. The Employment Office placed many skilled workers, many of whom were brought in through the Employment Clearance System as men with the special qualifications could not be obtained locally.

SIMCOE

During the year the placements of the Simcoe Employment Office numbered 2,334, of which 967 were for general farming work and 845 for work on tobacco farms. Tobacco growing is the principal industry of Norfolk County and approximately 60 per cent of the tobacco produced in Ontario is grown in this County. The number of growers has more than tripled in the past five years, and this year both the acreage and the yield per acre was considerably increased as compared with the previous year. In spite of the fact that orders for help came from the canning factories at the peak of the tobacco harvest, this Office was able to meet the demand in a satisfactory manner, sending out workers in groups of from 20 to 60. Canning factories in the district operated day and night shifts for nearly two months in the busy season.

STRATFORD

Since the commencement of recruiting in this district the Stratford Employment Office has co-operated in finding employment for the men who were rejected. The Office also supplied the help required for the alterations being made on the barracks, the preference being given to returned soldirs and those who had been unsuccessful in their efforts to enlist. Several firms were engaged on war contracts, especially in the textile industry, working full staff and double shift in some cases.

The furniture factories increased their production on their regular lines with additions to payrolls ranging from 25 to 60 per cent. Railway employment also inceased greatly, many employees laid off the previous year being called back so that the number of employees at the end of the year totalled 1260 in the locomotive repair shop, stores, road and running departments. Very few placements were made by the Office on road contracts.

SUDBURY

Placements of the Sudbury Employment Office in the lumber industry were greatly increased during the year, in spite of the fact that lumbering operations were held up for six weeks on the declaration of war. The largest timber company operating in this district introduced two years ago a system of medical examination for all bushmen in their employ. Applicants for jobs with this firm must be examined here and pronounced medically fit before being sent to camp. This requirement has increased the work in connection with such placements and many old bush hands have been unable to qualify and it has been necessary to have them replaced. In addition to the 1,200 placements for work in this district, approximately 200 workers were transferred to relieve the labour shortage in the pulpwood industry in the Port Arthur area.

There was less activity in the gold mining industry, many of the non-producing mines suspending operations and practically no exploration work being undertaken. Sixty placements were made in the nickel mines which operated to capacity. As in many other parts of the Province, there was a decided decline in the amount of highway construction carried on during the year, but building construction was fair and altogether 366 placements were made.

TIMMINS

At the Timmins Office the number of placements in the logging industry was more than double the number last year, and in the mining industry almost nine times that of last year, due to the closer co-operation between the mining companies and the Employment Service. Shortly after the outbreak of war approximately 75 men skilled in mining operations were recruited through this Office for the Royal Canadian Engineers.

TORONTO

During the fiscal year the Toronto Office of the Employment Service was called upon by the Department of National Defence to provide the workers necessary to transform the Exhibition buildings into a military camp. Altogether 304 building tradesmen were placed on this work for varying periods, and 161, all of whom were ex-service men, were placed on similar work changing the Eglington Hunt Club into a training school under the Empire Air Training Scheme. Arrangements were made with the Canadian Engineering Headquarters for the labour required for such work in other municipalities to be provided through the office of the Employment Service in the district concerned. The Toronto and the New Toronto Offices took care of the labour supply for the Royal Canadian Air Force at Malton.

Prior to the outbreak of the war, at the request of two firms manufacturing arms and aeroplanes, this Office interviewed approximately 1,000 mechanics of various types in order to select a supply of skilled men upon which the firms could draw as required. The officials of these firms appreciated this service and a very large number of these men were later taken on, although the transactions do not show as placements in our records. Over 500 skilled artisans have since been placed with these firms, and the Office has supplied skilled workers for about ten other firms working on war orders, as well as for firms in twelve other municipalities.

During the year 2,059 persons were placed on farms, 146 of whom were placed through the Youth Department and 277 of them were placed under the terms of the Youth Training Plan.

A pleasing feature of the year's activities was the improvement in the Youth Department, the placements of which increased 35 per cent as compared with the previous year. Much of this success was due to the shortage of experienced mechanics in certain lines, with the result that employers were obliged to employ young men with vocational school training for machine shop work.

The Handicap Department continued to demonstrate its usefulness by placing 1,235 partially disabled ex-service men, 342 of whom were placed in permanent positions. In addition, 162 disabled civilians were placed and 322 orders had to be transferred from this Department to the general service, because the requirements were too exacting for disabled workers. As usual this Department was responsible for the registration, investigation and placement work for the Veterans' Assistance Commission in the Toronto zone and 178 ex-service men were permanently placed following probational training. This Department is used as a clearing house for the general service with respect to the classification of unemployable applicants, 324 of whom were referred to the City Welfare Department.

Although a number of technical placements of a good type were made by the Business and Clerical Department, the demand for clerks and bookkeepers was below the average, chiefly on account of the curtailment of general overseas trade and unstable market conditions which resulted in reductions in staff by many firms.

In the Women's Division placements in both clerical and industrial work show an increase of 45 per cent as compared with the previous year, while placements of domestics declined 7 per cent. Many women with experience in domestic work have been applying for munition work or other work in war industries in the expectation of higher wages, thus increasing the difficulty of meeting the demand for domestics. Prior to the inauguration of the special registration for industrial war work, nearly 3,000 female applicants applied for munition work, but by the end of the fiscal year only a limited number had been placed on such work, although quite a number had been placed as operators in factories producing war materials.

WELLAND

There was a marked improvement in industry in this district which resulted in a decided increase in the number of applicants, vacancies and placements reported by the Welland Employment Office. Several local iron and steel and textile plants were supplying parts and materials to firms engaged on war orders for aircraft, boats and uniforms, and much of the additional help required was supplied from this Office, as well as building mechanics and labourers for the work of remodelling a building to be used for military purposes. Building was carried on in fair volume for industrial and business purposes as well as residences.

Effective work has been done in placing ex-service men as guards on public utilities and in industry and training in the various courses at Galt has been given a fair number of candidates from this district. The Employment Office has co-operated with welfare officials and has contributed to the marked improvement as regards relief rolls by placing recipients in employment whenever possible.

WINDSOR

Placements in the Windsor Office numbered 5,355, an increase of 400 as compared with the previous year. The enlistment of men after the declaration of war relieved the unemployment situation greatly in this district, and at the end of the fiscal year relief rolls were decreased by approximately 1,000.

A large number of skilled building mechanics were supplied for the work of remodelling buildings to be used as barracks, as well as men for various operations on the hard surfacing of the run-ways at the airport. Machinists and other mechanics were also sent to firms working on orders for the War Supply Board and to firms supplying parts required in the filling of such orders.

There was a considerable increase in the amount of building being carried on in Windsor during the year and lake transportation was exceedingly heavy, giving steady employment to a large number of men throughout the season. A new power line being erected provided work for a large number of men.

Youths were sent from this district to the various training schools under the Youth Training Plan and girls were placed in the Windsor Home Service Training School. These trainees were placed in good positions without difficulty and the demand for such services is increasing. One hundred and fifty have already been trained in this school. Many good placements were made in hotels, clubs and restaurants and at regular household work, although the supply of experienced workers was not equal to the demand at certain times.

WOODSTOCK

During the year 2,562 placements were made by the Employment Office. Several firms in the district had war orders for shells, shell primers, ammunition trailer bodies, small parts for aeroplanes, furniture and uniform material. This Office was requested by the British Supply Board to make the preliminary selection of girls of whom 24 were chosen by representatives of the Board as examiners on munitions.

Under the Youth Training Programme 15 young men were sent to training courses: 124, both boys and girls, were placed as learners in a hosiery firm and several girls to learn machine operating. Regular placements in factories numbered 287.

During the year 1,091 placements were made on farms as there was a good demand for this class of help all year. The Employment Office has become well known as the place to get a first class farm job for year-round work at good wages since Oxford County is one of the best dairying districts in Ontario. A great many city men were also placed on day work during the harvesting season.

Constant contact has been maintained with the relief officials and relief rolls were kept at a low level largely through the efforts of this Office in placing the recipients in employment in factories, on construction jobs and on farms.

ONTARIO GOVERNMENT OFFICES, EMPLOYMENT SERVICE OF CANADA

VACANCIES, APPLICATIONS AND PLACEMENTS DURING THE FISCAL YEAR APRIL 1, 1939, to MARCH 31, 1940.

	Vacancies	Applications	Placements		Provincial and Interprovincial Transfers	
			Regular	Casual	In	Out
Barrie	1,025	2,504	786	209	1	
Belleville	2,442	4,385	1,730	661	47	6
Brantford	1,972	4,051	1,394	542	29	177
Chatham	3,514	4,452	1,380	2,124	9	1
Fort William	4,428	5,243	3,467	915	10	2
Galt	63	300	23	9	2	1
Guelph	2,494	4.459	1,646	335	400	
Hamilton, Men	3,627	12,746	2,138	1,473	10	82
Hamilton, Women	4,202	6,778	1,279	1,969		15
Kenora	1,519	3,719	1,199	317	3	1
Kingston	3,000	5,289	2,563	349	9	6
Kitchener	2,225	5,388	1,083	1,044	18	165
London, Men	3,879	6,919	2,588	1,284	6	16
London, Women	2,251	3,722	969	1,133		2
New Toronto	1,210	4,667	869	328	13	
Niagara Falls	2,225	3,109	1,476	586	45	16
North Bay	4,310	5,758	3,875	431	4	182
Oshawa	2,784	5,271	754	2,007	21	49
Ottawa, Men	22,987	33,039	4,157	18,756	6	236
Ottawa, Women	3,437	7,422	2,058	1,370		
Owen Sound	1,726	2,801	810	913	1	
Pembroke	2,722	10,024	1,564	875	281	114
Peterborough	1,779	3,438	1,187	567	5	20
Port Arthur	8,995	7,222	6,716	951	1,328	3
St. Catharines	3,818	5,941	1,634	1,873	80	58
St. Thomas	964	1,610	585	374	5	
Sarnia	2,482	3,617	1,037	1,416	3	7
Sault Ste. Marie	2,233	5,187	1,157	717	82	
Simcoe	2,340	2,777	1,462	871	5	1
Stratford	1,351	3,495	1,085	252	7	3
Sudbury	2,055	6,375	1,513	384	153	223
Timmins	5,895	15,760	3,089	2,755	51	4
Toronto, Men	8,951	60,844	6,138	2,791	11	93
Toronto, Women	9,647	34,039	4,364	5,082	4	65
Welland	1,934	2,508	741	168	53	41
Windsor, Men	2,101	4,172	1.062	1.032	8	22
Windsor, Women	3,289	4,935	1,779	1,482	2	
Woodstock	2,575	3,646	1,626	919	17	17
Totals	137,551	307.612	72,983	59.255	2.729	1,628

PLACEMENTS : Fiscal Year 1940.

Regular	72,983
Casual	59,255
Transfers—Out	1,628
Total Placements, Fiscal Year 1940	133,866
Total Placements, 1919 to 1939	2,993,464
Total Placements, 1919 to End of Fiscal Year 1940	3,127,330

ONTARIO OFFICES OF THE EMPLOYMENT SERVICE OF CANADA AS ON DECEMBER 6, 1940.

M. H. MacBride, General Superintendent, Adelaide 1211, Loc. 591. Res: HY. 3427
H. H. Alley. Assistant General Superintendent, Ad. 1211, Loc. 591. Res: HA. 2905

CITY	ADDRESS	TELEPHONE	SUPERINTENDENT
Barrie	15 Owen St.	1702	J. B. Howey
Belleville	19 Campbell St.	887	W. D. Ross
Brantford	239-241 Colborne St.	361	C. D. Cowan
Chatham	309 King St. W.	236	H. C. Garner
Fort William	300 Victoria St.	S-2561	A. H. Fower Jr.
Galt	27 Dickson St.	403	Grant Malcolm
Guelph	116 Carden St. E.	1599	R. J. Robson
Hamilton (Men)	40-50 John St. N.	2-1126	W. A. Selkirk
" (Women)	40-50 John St. N.	2-6845	W. A. Selkirk
Kenora	Cor. 2nd St. S. & 4th Av.	Red 45	Geo. Ritchie
Kingston	41 Clarence St.	1178	H. F. Mooers
Kitchener	41 Queen St. N.	8-8526	T. H. Scott (Acting)
Lindsay (Temp.)	Post Office Bldg., Kent St.	1055	H. Brown (In charge)
London	240 King St.	Metcalfe-5296	H. Wray
New Toronto	131 Sixth St.	Zone 6-499	H. N. Reid
Niagara Falls	600 Erie Ave.	1221	H. P. Hanan
North Bay	103 Main St. E.	642	H. A. Desjardins
Oshawa	64 King St. W.	547-8	Rae Halliday
Ottawa (Men)	132 Queen St.	2-1739	Geo. Hamilton
Ottawa (Women)	130 Queen St.	3-3158	Geo. Hamilton
Owen Sound	226 Ninth St. E.	623	A. J. Kreutzweiser
Pembroke	167 Pembroke St. E.	375	P. J. Hennessy
Peterborough	165 King St.	4363	W. H. L. Mellis
Port Arthur	193 Park St.	176	A. C. Wood
St. Catharines	146 King St.	1269	L. P. Cunningham
St. Thomas	498 Talbot St.	2001	D. A. McIntyre
Sarnia	217 Front St. N.	1154	A. E. Palmer
Sault Ste. Marie	Courthouse Bldg.	1063	W. E. Hunt
Simcoe	27 Kent St.	818	J. D. Freeman
Stratford	80 Ontario St.	2258	G. H. Langan
Sudbury	24 Dufferin St.	359	A. E. Woods
Timmins	25½ Fourth Ave.	218	D. Murphy
Toronto (Danforth)	1854 Danforth Ave. (Men)	Gr. 7977	D. Monie
" "	1854 Danforth Ave. (Women)	Gr. 7917	D. Monie
Toronto (Br'dview)	364 Broadview Av. (Men)	Ha. 6762	H. Atkinson
" "	364 Broadview Av. (Women)	Ha. 6595	H. Atkinson
Toronto (Adelaide)	328 Adelaide St. W. (Men)	Wa. 4581	R. C. Eakins
" "	328 Adelaide St. W. (Women)	Wa. 4582	R. C. Eakins
Toronto (Yonge)	1378 Yonge St. (Men)	Ra. 6932	J. Sorton
" "	1378 Yonge St. (Women)	Ra. 2686	J. Sorton
Toronto (Dundas)	2969 Dundas St. W. (Men)	Ly. 7318	W. Pitman
" "	2969 Dundas St. W. (Women)	Ly. 2055	W. Pitman
Toronto	1854 Danforth Av.	Gr. 6340	Fred Marsh, City Supervisor Placement Records
Welland	109 Division St.	664	Wm. Whittle
Windsor	365-369 Pelissier St.	3-1646	A. J. Cooper
Woodstock	12 Finkle St.	197	R. E. Poste

PRIVATE EMPLOYMENT AGENCIES

Three private employment agencies renewed their licenses and transacted business in the Province during the fiscal year 1940. The Palangio Employment Agency at Cochrane has not operated for the past few years, although the license was renewed each year, and upon the death of James Palangio the license lapsed in June 1939.

Placements were made by the three agencies, as follows :—

	Placements		
	Men	Women	Total
North Bay—Canadian Placement Agency, B. Ferro	557	....	557
Sudbury—Messrs. P. J. and F. W. McAndrew	619	......	619
Toronto—Metropolis Agency, Mrs. O. Morang	165	762	927
Totals	1,341	762	2,103

FACTORY INSPECTION BRANCH

CHIEF INSPECTOR, DEPARTMENT OF LABOUR—J. R. PRAIN

The fifty-fourth report of the Factory Inspection Branch which covers the fiscal year 1940, outlines intensified activity on the part of the Composite Inspection Service during that period caused by preparation for, and actual production of war materials of varied descriptions. Industrial buildings previously operating in different parts of the Province on ordinary business have been converted for the manufacture of war material, and new buildings have also been erected for this purpose.

This new avenue for business of extreme urgency has had the effect of an upward trend in industrial employment, and the increase will become more pronounced as additional plants begin to operate. The manufacture of war materials is mostly of a highly mechanized kind and, as a result, accident hazards increase.

It is therefore to be expected that more industrial accidents will occur and the inspetors will require to be extremely vigilant along the lines of safeguarding in order that the accident toll be kept down as far as humanly possible.

An additional problem arose with the munitions production, as it applied to the hours of labour for female workers. These hours are definitely controlled by the Factory Act, and in order to facilitate war effort in industry, the Minister of Labour appointed a special committee within the Department with authority to rule on special cases.

This committee meets whenever necessary and gives consideration to requests from industry to allow changes in working hours for women employed exclusively on war material production.

It has been found necessary to authorize night shifts with female help working in certain types of munitions and the three short shift system is urged in preference to two long shifts.

With increasing employment in war industries many employers are co-operating by installing the most modern equipment for sanitation and health, and the value of good lunch room facilities is now being proved. The old system of having lunch beside the machine in the workshop is rapidly disappearing with the result that there are fewer discontented employees and increased production.

The statistical part of this report shows that the shorter working week is favoured by employers, the number of employees working not more than 45 hours per week being greatly in excess of those in the higher brackets.

There has been an increase in the number of home-work permits issued, but since the prices paid for work of this kind are controlled by the Minimum Wage Board the increase is not a bad sign, but rather an indication that home work conditions from a financial point of view have improved.

The number of double shift and overtime permits for female help shows an upward tendency, but this is reasonable considering the general trend in industry.

It will be noted that there was not one case of child labour reported by the inspectorate.

During the fiscal year it was found necessary to institute proceedings in different parts of the Province for violations of Section 29 of the Factory, Shop and Office Building Act which controls the hours during which women may be employed. Nine convictions were recorded and one case was withdrawn.

In the accident records it will be shown that there were 22 fatalities compared with 36 the previous year, a decrease of 14. This figure is encouraging when one considers the increase in employment.

The number of cases of industrial disease has diminished slightly, and the figures prove that the strictest precautions are being taken in dealing with this important hazard. Modern methods in industrial processes have brought about the use of harmful chemicals which, if not properly controlled, cause industrial diseases. Our appreciation is again expressed to the Department of Health for the advice and assistance given by the officials of the Industrial Hygiene Branch.

CAISSON WORK

Very little caisson work was undertaken during the past fiscal year due to the curtailment of large highway and sewer construction projects as a result of the national emergency.

Excavations for footings in filled-in ground has developed a peculiar condition which has arisen on several occasions lately. Gas, generated probably from old garbage in the dumps, accumulates at the bottom of the holes and workmen have complained of sickness. Upon investigation by the caisson inspector and officials of the Industrial Hygiene Branch of the Department of Health the gas was identified as carbon dioxide, which, being heavier than air, rests in the bottom of the hole. Workmen have difficulty in breathing and are overcome if not removed in time.

Exhaust fans connected with exhaust pipes force the gas from the holes and workmen are instructed not to enter until the air is free from gas. Continuous operation of the fan is imperative during the full working periods, if gas is prevalent.

Unfortunately several deaths were recorded from cave-in on sewer or waterworks construction carried on in small municipalities without approval of this Department. A fatality on construction work at a power dam was investigated, where a workman was crushed between a loaded bucket and the timbering in a deep caisson.

PLANS FOR BUILDINGS

The Examiner of Reports and Designs reported that 484 plans of new factory shop and office buildings or additions or alterations to such buildings were approved. The total value of this construction amounted to $12,375,270, an increase of 58 per cent over the value for the previous year.

The necessity for increased production and storage facilities for war purposes, particularly in the metal trades, was evident in the number and value of plans submitted. The accompanying table shows the figures for the various industries in this fiscal year.

CLASSIFICATION OF APPROVED BUILDING PLANS

Trade or Industry	Number of Plans	Value of Buildings	Percentage of Total Value
Bakeshops	8	$ 142,500	1.16
Chemicals	37	786,650	6.38
Clay, Glass and Stone	15	87,550	.71
Clothing	5	41,125	.33
Conveyances	16	1,342,300	10.90
Food	91	1,208,870	9.80
Garages	27	397,700	3.22
Laundries	14	46,850	.38
Leather	8	253,300	2.05
Lumbering	1	9,000	.07
Metal	101	3,194,175	25.90
Offices	15	2,868,700	23.21
Paper Trades	8	98,300	.79
Printing and Publishing	8	104,100	.84
Rubber	9	154,900	1.25
Shops	25	548,000	4.45
Textile	28	240,885	1.96
Tobacco	2	22,000	.18
Warehouses	39	529,315	4.30
Wholesale	5	11,350	.09
Woodworking	17	77,200	.62
Unclassified	5	173,500	1.41
	484	$12,338,270	100.00

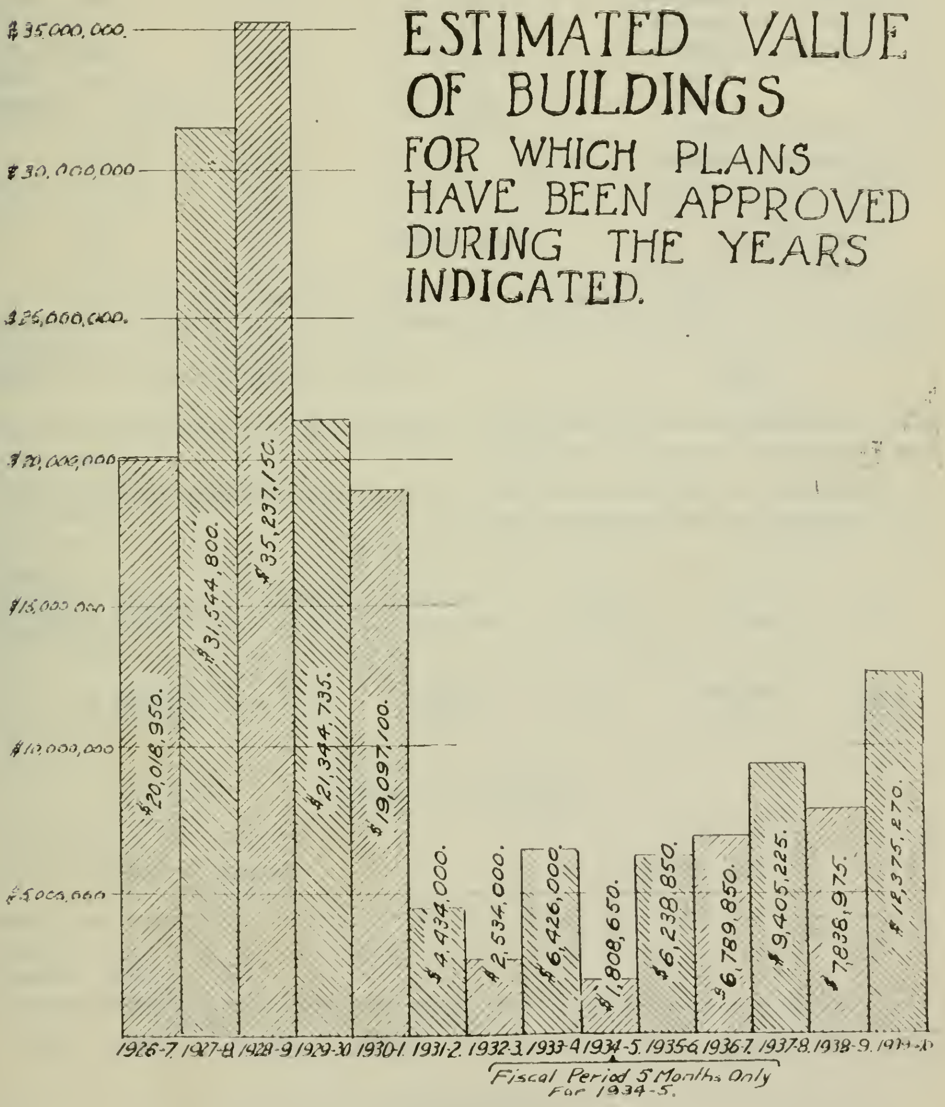
The prospect of large increases in staff, and particularly of female factory workers, has been stressed and designers have been advised to provide facilities of all kinds in excess of present apparent requirements. These facilities include lunch rooms, first aid rooms and sanitary fixtures.

A large percentage of the 376 office interviews were devoted to the discussion of preliminary or sketch drawings of proposed factories submitted by registered engineers and architects. The co-operation given to and received from these professional men results in the above satisfactory arrangement.

A total of 78 field inspections was made by the Examiner of Plans, usually in company with district inspectors, to solve difficulties arising from the fulfilment of the Act with particular regard to exit facilities and building construction.

In this fiscal year there were no reported failures of buildings resulting in fatal or serious accidents to employees under the jurisdiction of the Factory, Shop and Office Building Act.

The total annual values of buildings, the plans of which have been approved during the last fourteen years, are shown on the following diagram.



ESTIMATED VALUE OF BUILDINGS FOR WHICH PLANS HAVE BEEN APPROVED DURING THE YEARS INDICATED.

The following is the distribution of the services rendered by the inspectors of the Composite Inspection Branch :

Factory Inspection Branch :	1939	1940	
First inspection	15,359	15,320	
Second inspection	2,809	3,323	
Special investigations	17	——	
Visits re homeworkers	1,746	1,975	
Visits re exhibitions	271	266	
			20,884
Minimum Wage	2,613	2,134	
Industrial Standards	1,153	1,554	
Apprenticeship	4,723	4,684	
Main Office	1,072	378	
Steam Boiler	1,455	1,734	
Operating Engineers	649	390	
			10,874
Totals	32,605		31,758

In addition there were investigations of accidents and the usual visits, office calls and conferences incidental to inspection.

Employees in the above industries, mercantile establishments and office buildings numbered 346,044 classified as follows :

Year	Males over 16	Males 14-16	Females over 18	Females 14-18	Totals	Children under 14 dismissed
1939	240,608	29	104,876	943	346,156	0
1940	241,500	6	104,293	335	346,044	0

HOURS OF LABOUR

Male Workers					Female Workers				
45	50	54	58	60	45	50	54	58	60
143,662	28,120	23,776	2,213	19,157	71,705	13,249	7,781	936	4,469

Also 30,976 employees, male and female, working approximately 50 hours per week.

Orders issued relating to various requirements of the Act totalled 7,054 as compared with 6,057 in 1939.

PERMITS

Applications for permits numbered 4,882 and were issued as follows :

	Sections of Act	1939	1940
Double Shift	31	142	230
Overtime	30	1,910	2,406
Bakeshop	69	75	70
Fruit Camps	36	33	27
Homework : Workers	49	1,746	1,975
Employers	49	182	168
Totals		4,088	4,882

COMPLAINTS

One hundred and eighteen complaints were received during the year. Upon investigation 75 were upheld, 41 not upheld, 1 pending investigation and 1 not under the jurisdiction of this Branch. Some investigations cover more than one complaint. Subjects of complaints are as follows :

	1939	1940
Long hours	35	46
Working without overtime permit	4	8
Ventilation	—	1
Fire exits	12	7
Fumes	—	1
Elevators	4	3
Toilet accommodation	6	5
Child labour	2	—
Dust	2	3
Half hour lunch period	2	—
Sanitation	2	5
Heat	3	6
Guarding machinery	1	3
Noise of machinery	—	5
Miscellaneous	21	20
Sunday work	4	3
Spray booth	—	1
Mechanical exhaust	1	—
Light	1	—
Gasoline hazards	5	1
Working without homework permit	1	—
	106	118

VIOLATIONS

Violations of the Acts in the enforcement of which the inspectors have a responsibility were reported as follows :

Minimum Wage Act (mostly cases of failure to keep Minimum Wage Orders posted)	1,334
Operating Engineer's Act	6
Adolescent School Attendance Act	3
Steam Boiler Act	1

PROVINCE OF ONTARIO
Summary of Accidents

	Cause of Injury	Head and Face				Upper Extremities								Trunk					
		Face	Head	Eyes	Ears	Hand	Fingers	Thumb	Arm	Shoulder	Wrist	Elbow	Other	Ribs	Thigh	Back	Stomach	Chest	Side
	Burns and scalds	10		14	1	6	8	1	12	1		3	2		1	2			
	Cranes and derricks																		
	Elevators								1				2						
	Electricity	1	1	2		1			1										
	Engines and cars												1						
	Explosions—Combustion	1																	
	—Pressure																		
	Falling substances	3	15			33	49	9	17		2	1	2	1	3	6		1	2
	Falls	3	12	3		12	10	2	18	26	20	18	16	57	7	37	1	10	22
	Flying missiles	28	11	76	1	11	8	1	6	2	4	5	3	8	2	3	1	6	1
	Foreign substances in eyes			159															
	Hand tools	1				22	32	15	5		1	1	3					1	
	Hooks, chains, cables					1	3												
	Infected wounds	1		5	1	63	126	35	11		3	3							
	Jammed between articles	1				26	147	27	4	1	2		2		2				
	Sprains and strains					5	2	1	4	14	15		11	1	1	116		3	33
Machinery and Connections	Rolls					7	21	1	11		2								1
	Gears, cogs, sprockets					1	14		1										
	Belts, pulleys, shafting		1			5	10	4	6			1	2						
	Saws					5	16	10	2		1								
	Planer						4												
	Drill					3	7		1		1							1	
	Milling Machinery					1	2												1
	Shears					1	10	3	1		1								
	Emery wheel						4												
	Press					3	32	4	1										
	Punch						3	2											
	Dies						5	1											
	Barker						4												
	Calender						8												
	Cutter knives					1	7	2											
	Conveyers	1					3	1											
	Hammers						1												
	Jointers	1				1	5												
	Stitcher						3												
	Loom					1			1										
	Paper machinery					1	3		1		1								
	Spinning machinery						1												
	Winders						5		2										
	Grinding wheels			1		2	6				1								
	Lathes						8	1							1				
	Machinery connections	1		1		3	28	4	1		1								
	Wiredrawing, etc.																		
	Trucking					1		1		1	1			1			1		1
	Other machinery		2			6	35	2	1										
	Miscellaneous causes	6	14	11	2	45	128	28	19	3	11	13	16	7		3		3	1
	Fumes												2						
	Industrial Diseases			1		5	2		1				14						
	Totals	58	56	273	5	272	760	155	128	48	67	45	76	75	17	167	3	25	62

FACTORY INSPECTION BRANCH
for the Fiscal Year 1940

Trunk			Lower Extremities								Class of Industry													
Hips	Groin	Abdomen	Legs	Foot	Toes	Knee	Ankle	Multiple	FATAL	Totals	Pulp and Paper Trades	Metal Trades	Rubber & Rubber Goods	Textiles	Food	Lumber	Laundries	Chemicals	Conveyances, etc.	Clay, Glass and Stone	Unclassified Trades	Leather Goods	Woodworking	Wearing Apparel
1			12	17	1	2	5	62	6	167	18	83	4	4	10	2		6	3	8	24	4	1	
								1	1	2		2												
				3	1		1	2	1	11	1	2	1		3			1			1		2	
					1			5	2	14	2	4			1				1	1	4	1		
				1				1		3		3												
								1	1	3		2								1				
								7		7		1			1			2			3			
	1		42	206	129	7	10	18	1	558	90	253	32	13	29	22		8	17	37	50	5	1	1
9	1	2	30	25	1	36	26	67	4	475	103	143	16	19	31	14	2	13	9	21	77	13	1	13
3	7	1	10	2		5	3	6	1	215	37	91	3	8	9	16			6	5	29	8	2	1
										159	27	87	6	6	10	6		1		1	14	1		
			11	8	4	12				116	42	24	6	2	10	4			3	2	17	2		4
										4	1				1					1	1			
			2	2	1	2	5	2		262	33	91	5	13	30	9			7	7	28	2	3	34
1		1	10	18	3	2	1	4		252	40	114	11	5	10	9		3	10	19	23	5	1	2
3	27	8	10	12		17	40	3		326	54	125	23	9	22	10	1	4	7	24	39	5		3
				1				1		45	14	12	6	4	1					2	5	1		
				1	1				1	19	3	6		2	5	1	1				1			
			2			1	3	5		40	7	6		3	7	3		1	2	5	4		1	1
								1		35	5	8			1	8				2	10	1		
										4	1	1				1					1			
										13		10		1							2			
										4		2		1					1					
										16		11		1	1				1		1			1
								1		5	1	3									1			
								1		41	1	24			1			1	4	1	5	2		2
										5		4									1			
										6		1	1						2	1	1			
										4	3										1			
				1						9	7										2			
										10	5	2									3			
			2	1				1	2	11	3	1	1		3			1		1	1			
										1		1												
										7	1	1				2					3			
										3	1	1			1									
										2				2										
										6	5										1			
										1				1										
										7	4	1		1							1			
								1		11	1	6							3				1	
			1							11	2	8	1											
			2					2		43	5	17	2	2	5					3	2	6		1
				1				1		2		2												
			4	12	9	2	2			36	2	10	4	1	9			1	1	3	4	1		
					1	1		1		49	2	26	1	7	6	1					1	5		
	2		25	36	6	25	6	14	1	425	59	159	24	17	37	11		6	10	26	48	14	1	13
									1	3					3									
			1		1			8		33	1	10		5	1			1	1	8	1	4		1
17	38	12	164	347	159	112	102	216	22	3,481	581	1,358	147	127	248	119	4	49	88	179	410	80	14	77

EXPLOSIONS

The following explosions causing injury to employees were reported during the year:—

March 31, 1939	Hammer mill and air separator
January 17, 1940	Oil burner exploded
January 27, 1940	Charging furnace
February 9, 1940	Alcohol vapour explosion

ACCIDENTS

During the fiscal year 3,481 accidents were reported to the Factory Inspection Branch, as compared with 2,805 reported in 1939, of which 22 were fatal, as compared with 36 fatalities in 1939.

Fatalities were due to:—

Belts, pulleys and shafting	1
Burns and Scalds	6
Conveyors	2
Cranes and derricks	1
Electricity	2
Elevators	1
Explosion	1
Falling substances	1
Falls	4
Flying missiles	1
Fumes	1
Gears	1
Total	22

BOARD OF EXAMINERS OF OPERATING ENGINEERS

CHAIRMAN : F. B. WALKER

MEMBERS OF THE BOARD : W. J. SCOTT, S. G. ROSE

The thirty-first report of the Operating Engineers' Board introduces the initial stages of the influence of wartime conditions upon the calling of the operating engineer.

Questions concerning possible lapse of certificates due to non-renewal by men on active service; problems of staff changes in many plants, due to enlistment and recall to army and naval services; the lowering of age barriers by many firms and the consequent return to useful work of older certificated men and the increasing number of calls upon the facilities of the Board to assist in filling vacancies, all serve to indicate the trend and to emphasize the desirability of certificated engineers maintaining close contact with the Department of Labour, more particularly in case of unemployment.

During the year we have been pleased to provide a growing measure of assistance to several recruiting centres of the Royal Canadian Naval Volunteer Reserve in the selection and classification of engine room and stoker ratings, not only upon the basis of our records but in the matter of examination where necessary. The increasing number of calls in this regard would confirm fully the degree of appreciation expressed by the naval authorities.

There was a marked decline in the number of infractions of the Act dealt with by the Board during the past year, the total being 379 cases. This figure represents a reduction of approximately 55 per cent as compared with the preceding year, and is directly attributable to the unprecedented number of examinations conducted during the years 1938 and 1939.

A reliable guage of effective enforcement may be found in the consistently decreasing number of complaints reaching the Board from all sources other than the official inspection service, a condition that serves to illustrate the fruitful results of an intensified examination programme. It is a pleasure also to report again a year free from legal process in respect of the enforcement of the Act, which fact reflects most creditably upon engineers and plant owners.

We regret the necessity of having to recommend the suspension of two certificates, in one case because of habitual intemperance and in the other because of misrepresentation in obtaining the certificate. The engineers involved had not been reinstated at the close of the fiscal year.

Text book sales again maintained the seemingly established 10 per cent ratio, based upon the number of examinations conducted. While it is not possible to prove by actual figures the advantages of these texts to candidates, many examples are to be found in the records of certificate holders which indicate their value, particularly in the initial years of the engineer's career.

Eight candidates wrote the examination for Boiler Inspectors during the year, and one obtained the pass percentage required.

The inspection services available to the Board through the Composite Inspection Branch of the Department of Labour have been of invaluable assistance in the administration of the Act. Although the general scheme of enforcement is founded upon correspondence, the element of personal contact occupies a prominent place in the solution of specific difficulties, a circumstance that is most adequately met by the co-operative character of the Inspection Branch. It is our pleasure to acknowledge their services.

REPORT OF REVENUE FOR FISCAL YEAR 1940

Fees Collected for:

Examinations, re-examinations, renewals, provisionals, duplicates, penalty renewal fees	$ 24,490.76
Plant registration	318.00

Revenue By:

Certificates	$ 24,808.76
Sale of books	1,767.85
Miscellaneous	4.11
	$ 26,580.72

Monies Refunded On:

Examinations, renewals, penalty renewal fees, miscellaneous, plant registration, duplicate certificates	$ 443.60
Text books	14.00
Total refunds	$ 457.60

Gross Revenue	$ 26,580.72
Total Refunds	457.60
Net Revenue	$ 26,123.12

REPORT RE CERTIFICATES FOR FISCAL YEAR 1940

Number of certificates issued	16,919
Number of certificates refused	547
Number of certificates suspended	2

Certificates Issued — Certificates Refused and Suspended

Class	By Examination	By Re-examination	Provisional	Duplicate	Renewals	Total	Refused	Suspended	Total
Compressor	53	5			145	203	10		10
Fireman	106	23		1	407	537	35		35
4th class	489	56		6	4,943	5,494	136	1	137
3rd class	137	71	1	3	4,402	4,614	216		216
2nd class	32	14		1	2,132	2,179	102	1	103
1st class	—	4			274	278	23		23
Hoisting	67	2	1	3	1,764	1,837	15		15
Traction	39	2		1	1,044	1,086	10		10
Duplex	12	1		1	359	373			
Plant Registration	—	—	—	—	—	318	—	—	—
	935	178	2	16	15,470	16,919	547	2	549

Grand Total Certificates Issued 16,919

REPORT OF EXAMINATIONS HELD FOR FISCAL YEAR 1940

Number of Candidates Examined at Toronto	678
Number of Candidates Examined at Other Centres	1,052
Total Number of Candidates Examined	1,730

Class	At Toronto	At Other Centres	Total
Compressor	9	47	56
Fireman	61	70	131
4th class	279	473	752
3rd class	181	259	440
2nd class	70	99	169
1st class	20	10	30
Hoisting	32	63	95
Portable	26	31	57
	678	1,052	1,730

Examinations were held at Outside Centres as follows :—

	Number of Examinations	Number of Candidates		Number of Examinations	Number of Candidates
Brantford	2	24	North Bay	2	16
Belleville	2	27	Niagara Falls	2	25
Brockville	3	27	Ottawa	3	55
Chatham	2	15	Owen Sound	2	18
Cornwall	3	23	Orillia	2	12
			Palmerston	1	5
Fort William and Port Arthur	2	36	Peterborough	3	32
Fort Frances	2	10	Renfrew	3	17
Guelph	2	12	Sault Ste. Marie	1	24
Haileybury	2	25	Sioux Lookout	2	14
Huntsville	1	9	Sudbury	3	117
Hamilton	3	107	Sarnia	2	13
Kapuskasing	1	13	St. Catharines	2	20
Kenora	3	30	Smith's Falls	1	6
Kirkland Lake	2	49	Stratford	1	8
Kingston	2	29	Timmins	2	54
Kitchener	2	38	Windsor	2	43
London	3	73	Other Centres	2	26
Total at Outside Centres				73	1,052
Total at Toronto					678
Total during Fiscal Year					1,730

BOILER INSPECTION BRANCH

CHIEF INSPECTOR, DEPARTMENT OF LABOUR—J. R. PRAIN
EXAMINER OF REPORTS AND DESIGNS—J. N. BRIGGS

TABULAR SUMMARY OF WORK

Drawings and Specifications surveyed, Registered and Re-registered :

	Designs
Boilers	82
Pressure vessels	240
Accessories	28
Steam piping layouts	20
Special rulings—Boilers	2
Pressure vessels	23
Total	395

New Pressure Vessels Inspected :

Boilers for Ontario	246
Pressure vessels for Ontario	427
Pressure vessels for England	8
Boilers for Labrador	2
Pressure vessels for South America	1
Pressure vessels for Newfoundland	4
Boilers for Manitoba	4
Boilers for Saskatchewan	6
Boilers for Alberta	3
Pressure vessels for Alberta	40
Pressure vessels for Quebec	98
Boilers for Quebec	32
Pressure vessels for Nova Scotia	1
Pressure vessels for New Brunswick	1
Boilers for New Brunswick	6
Pressure vessels for Prince Edward Island	2
Steam piping installations	7
First inspections	888
Second inspections	559
Final inspections	789

Used Pressure Vessels Inspected :

Boilers	574
Pressure vessels	244
Safety valve inspection	1
Unit of 78 dryers	1
Inspection of boiler (in U.S.A.) service charge	1
Steam piping layout	3
Annual inspection (Steam Boiler Act)	
Boilers	75
Pressure vessels	13
	912
Final inspections	252
Total	1,164

Annual Inspection (Factory, Shop and Office Building Act)	
Boilers	1,187
Pressure vessels	2,116
Total	3,303

Certificates Issued:

Class A—New pressure vessels	614
Class B—Used pressure vessels	812
Class C—Heating boilers, low pressure	290
Class D—New pressure vessels (accepted by affidavit)	933
Class E—New boilers under 3 H.P.	48
Duplicate	37
OA—Annual inspection (Factory, Shop and Office Building Act)	2,828
Total	5,562

REVENUE STATEMENT

Fees For:—		Amount of monies transmitted to Treasury Department	$27,121.31
Designs registered	$ 3,120.50	Accounts transferred to suspense account	15.50
New pressure vessels	4,440.00		
Used pressure vessels	4,620.00		
Heating boilers (accepted on affidavit)	290.00		
Pressure vessels (accepted on affidavit)	933.00		
Boilers under 3 H.P. (accepted on affidavit)	48.00		
Duplicate certificates	9.00		
Transfer seals	686.00		
Interprovincial Regulations	3.00		
Annual inspections of uninsured boilers and pressure vessels (Factory, Shop and Office Building Act)	8,934.00		
Travelling expenses	4,537.20		
Total	$27,620.70		
Cancellation	10.00		
	$27,610.70		
Bank exchange	2.61		
Balance end of fiscal year 1939	321.25	Balance end of fiscal year 1940	797.75
	$27,934.56		$27,934.56

MEDIATION, CONCILIATION AND ARBITRATION

CHIEF CONCILIATION OFFICER : LOUIS FINE

The value of the several services, mediation, conciliation and arbitration, supplied to parties in industry, is cumulative in its effect. A fuller degree of assistance to employers and employees involved in any phase of industrial dispute is possible as the Conciliation Officer becomes more familiar with the problems and as the parties concerned gain increasing faith in the Conciliation Officer. This understanding on the one hand and confidence on the other may be achieved through continuity of contact, the benefits of which are particularly manifested in the growing trend to refer specific disputes for arbitration to the Department of Labour.

Experience gained during mediation or conciliation of a labour dispute, and the knowledge of the issues resulting from contact with the situations, continue to be of service to the parties as specific grievances or problems later arise for settlement or interpretation.

At the same time the experience of the parties themselves with the arbitration process of specific grievances or disputes assists mediation or conciliation when a general dispute requires to be dealt with. The knowledge that any specific instances can later be arbitrated often promotes acceptance by the parties of a general formula or understanding as a basis for settlement which, without reliance on subsequent arbitration, might not otherwise be acceptable.

Mediation of a dispute before it has reached the strike stage is possible only when the parties concerned inform the Department of Labour early enough of the difficulty. It is not required by law that this Department be notified of disputes, but the advisability of such a course is being recognized more and more by both employers and employees.

In arbitration proceedings both parties are likely to have greater confidence in the proceedings and to be more ready to abide by the decision when they realize that the Conciliation Officer is already familiar with the problems through his earlier mediation or conciliation activities.

MEDIATION

Difficulties which threatened to result in industrial disturbances were settled through mediation by the Conciliation Officers of the Department of Labour in a number of industries, as illustrated by the following :

TEXTILE AND CLOTHING INDUSTRY:

A strike was averted in a hat manufacturing plant in which the existing contract was expiring without an agreement for its extension or substitution. The parties were brought together and an agreement reached.

Internal union difficulties threatened to involve a textile concern in an industrial dispute with a portion of the workers. The parties were brought together and an agreement concluded.

A textile plant engaged partly in war work desired to engage a special late shift of girls to facilitate production. Difficulties arose in the application of the agreement. Through mediation an arrangement satisfactory to both parties was worked out.

Strike action was threatened in a hosiery concern because workers had been displaced due to the removal of some of the machinery out of the Province. The parties were brought together and an arrangement concluded which avoided further difficulty.

JEWELLERY TRADE:

A threatened strike in the jewellery manufacturing trade in Toronto was averted by bringing the parties together. An agreement was reached to apply the provisions of the Industrial Standards Act.

LOGGING INDUSTRY:

A logging strike was averted in the Thunder Bay District. After conferring with several of the employers and with the employees, arrangements were completed for a conference under the Industrial Standards Act.

Employees of another company were unable to agree upon the terms of renewal of an expiring agreement. After conference with the parties, agreement was reached and a strike which would have affected 500 employees was averted.

SERVICE AND TRADE:

A dispute between employees and an employer of a summer resort hotel was satisfactorily adjusted after meetings with the parties.

Several threatened strikes were averted in restaurants by contact with the parties and by arranging for the use of arbitration machinery which had already been set up with the assistance of the Department of Labour.

A wage dispute between bread drivers in a firm was settled after obtaining agreement of the parties to arbitration of the difficulty.

A threatened strike affecting some 125 employees in Northern Ontario was averted after extensive meetings with the parties and the negotiation of an agreement.

Difficulty between drivers and a Toronto dairy company was avoided by conference with the parties. In another dairy company a strike was averted by a last minute conference held in the early hours of the morning at which minimum wage rates were worked out and agreed upon. Negotiations were arranged between a dairy company in another town and its employees, when a strike threat was made because of wage reductions. The strike was avoided and an arrangement arrived at.

TRANSPORT:

Conferences were arranged between several transport companies and their employes and after numerous meetings the parties negotiated an agreement.

ARBITRATION

During the fiscal year several arbitrations were conducted in the automobile industry at various points with the very definite result of straightening out issues and avoiding what otherwise might have been serious industrial disturbances.

In the hat manufacturing industry, disputes between employees and the company as to the interpretation of the agreement in one case and allegations of wrongful discharge in two cases were disposed of by arbitration at the request of the parties. A similar case of alleged wrongful discharge was arbitrated in the instance of a concern in Toronto.

STRIKES

During the fiscal year 1940 there were 36 strikes reported in Ontario, in which 6,075 workers were involved, with a time-loss of 50,468 man-working days, as compared with 86,997 days in 1939. The Chief Conciliation Officer or other officials of the Department of Labour assisted in the settlement of strikes which involved approximately 67 per cent of the total number of workers out on strike, and had caused 88 per cent of the total time-loss due to strikes.

INDUSTRY AND LABOUR BOARD

E. J. YOUNG : CHAIRMAN
MISS MARY F. MANGAN: VICE-CHAIRMAN J. C. ADAMS: SECRETARY

The Industry and Labour Board administers the Industrial Standards Act, the Apprenticeship Act and the Minimum Wage Act, and any other Act that may be assigned to it by the Lieutenant-Governor in Council.

INDUSTRIAL STANDARDS BRANCH

Under the Industrial Standards Act thirty-six official conferences were held during the year. Six of these conferences did not submit schedules for approval. Thirty conferences submitted schedules for approval, and twenty-six schedules were approved. Four schedules submitted by the conferences were not approved and one schedule was revoked during the year.

At the end of the fiscal year there were ninety-six schedules in effect in the Province, as follows:—

(a) Schedules covering part of the Province only		
Barbering	56	
Bricklaying and Stonemasonry	1	
Bricklaying, Stonemasonry and Plastering	1	
Carpentry	8	
Building Industry	1	
Common Labourers	2	
Electrical Repair and Construction	4	
Painting and Decorating	4	
Plastering	2	
Plumbing and Heating	5	
Logging	2	
Baking	1	
Coal	1	
Coal Hoisting	1	
Taxicab	1	
Jewellery	1	
Soft Furniture	1	
	—	92
(b) Schedules covering entire Province		
Brewing	1	
Ladies' Cloaks and Suits	1	
Men's and Boys' Clothing	1	
Hard Furniture	1	
	—	4
Grand Total		96

ARREARS OF WAGES

The sum of $7,013.56 arrears of wages was handled by this Branch during the year, as follows :—

	No. of Employers	No. of Employees	Arrears
(a) Collected by the Branch from employers	120	285	$6,750.21
(b) Paid direct to employees by their employers	7	29	263.35
Totals	127	314	$7,013.56

This total amount of arrears shows an increase of $1,921.41 as compared with the total for last year.

COURT PROCEEDINGS

There were ninety-nine prosecutions under the Act resulting in seventy-five convictions, with fines amounting to $618.25. This is exactly one-half the number of prosecutions last year.

APPRENTICESHIP BRANCH

DIRECTOR OF APPRENTICESHIP—FRED J. HAWES.

DISTRICT INSPECTORS

J. R. JOHNSON, OTTAWA; WALTER THORNE, TORONTO.

The fiscal year closed showing an increase in the number of registered apprentices on our file and a sustained interest in apprenticeship.

The manufacturing jewellery trade continued their enquiries commenced last year and have made further representation to the Industry and Labour Board concerning placing their trade under the Act.

Efforts have been made to provide additional educational facilties for apprentices and, as the Technical Schools in the various centres resume a full programme of evening classes, we are hoping to revive and stimulate greater interest in school instruction. We were able to arrange two special classes restricted to apprentices in Hamilton and Toronto. In Hamilton the class was for apprentices in the motor vehicle repair trade and was very successful, the attendance and progress being maintained throughout the whole of the school term. Efforts are now being made to establish similar classes in other centres for next season. In Toronto the class was for apprentices in hairdressing and showed good results. It is anticipated that, profiting by experience, the instruction provided will enable the student to obtain efficient instruction not only in practical hairdressing but also in related subjects.

Full time day classes were conducted in carpentry and bricklaying in Hamilton during the months of January and February which were financed under the Dominion-Provincial Youth Training Programme. All first and second year apprentices in these trades were given the opportunity to attend.

Fifty-five apprentices have enlisted in the Canadian Army and the Contracts of Apprenticeship of those enlisted have been placed in a separate file. Some of these apprentices will receive mechanical training and experience while on active service and adjustment will be necessary on many of these contracts at the conclusion of the war.

The following tables supply additional detailed information:

TABLE No. 1
REGISTRATION OF APPRENTICES BY TRADES FOR THE FISCAL YEAR ENDING MARCH 31, 1940

Trade	Registrations		Cancellations		Completions		Active
	During Year	Total	During Year	Total	During Year	Total	
Bricklaying	8	223	—	32	2	169	22
Masonry	—	14	1	6	1	8	—
Carpentry	15	270	5	39	7	177	54
Painting and Decorating	15	169	11	30	16	100	39
Plastering	4	131	—	19	—	100	12
Plumbing	23	665	6	165	24	400	100
Steamfitting	3	186	4	64	3	101	21
Sheet Metal Work	11	214	1	47	7	134	33
Electric Wiring and Install.	21	385	3	81	16	211	93
Motor Vehicle Repairing (a)	110	663	48	90	77	115	458
(b)	17	74	5	10	6	8	56
(c)	13	70	7	8	10	14	48
Hairdressing	246	749	50	97	120	147	505
Barbering	30	70	6	8	5	7	55
Total, 1940	516	3883	147	696	294	1691	1496
Total, 1939	586	3367	91	549	97	1397	1421

TABLE No. 2
DISTRIBUTION OF APPRENTICES BY TRADES FOR FISCAL YEAR ENDING MARCH 31, 1940

Trade	First Year	Second Year	Third Year	Fourth Year	Fifth Year	Total
Bricklaying	8	1	7	6	—	22
Masonry	—	—	—	—	—	—
Carpentry	3	14	15	22	—	54
Painting and Decorating	5	10	9	15	—	39
Plastering	1	3	5	3	—	12
Plumbing	11	17	24	14	34	100
Steamfitting	3	3	5	4	6	21
Sheet Metal Work	7	4	9	13	—	33
Electric Wiring and Install.	7	19	23	44	—	93
Motor Vehicle Repairing	17	59	128	161	197	562
Hairdressing	80	129	296	—	—	505
Barbering	6	11	38	—	—	55
	148	270	559	282	237	1496

TABLE No. 3
REPORT OF EXAMINATIONS
FOR THE FISCAL YEAR ENDING MARCH 31, 1949

Number of candidates examined:	At Toronto	At Other Centres	Totals
Motor Vehicle Repair Trade	153	402	555
Hairdressing	352	188	540
Barbering	39	7	46
Grand Totals	544	597	1141

Of this total, examinations without charge were granted to 33 candidates in the motor vehicle repair trade and to 16 in the hairdressing trade.

Examinations were held in Toronto and at the various centres in accordance with arrangements made through local apprenticeship committees as follows:

	Centres	Number of Examinations	Total No. of Candidates
Motor Vehicle Repair	Barrie	1	6
	Belleville	1	11
	Brantford	1	10
	Brockville	1	4
	Chatham	2	6
	Cobourg	1	7
	Cochrane	1	5
	Cornwall	1	6
	Fort Frances	1	6
	Fort William	1	9
	Haileybury	1	10
	Hamilton	3	38
	Huntsville	2	9
	Ingersoll	2	6
	Kenora	1	6
	Kingston	1	2
	Kirkland Lake	1	4
	Lindsay	1	5
	London	2	14
	North Bay	1	18
	Oshawa	1	2
	Ottawa	2	43
	Owen Sound	2	19
	Parry Sound	1	12
	Peterborough	1	3
	Pembroke	1	4
	Port Arthur	1	7
	Renfrew	1	3
	St. Catharines	1	3
	St. Thomas	1	9
	Sarnia	2	10
	Seaforth	1	6
	Smith's Falls	1	3
	Stratford	1	20
	Sudbury	1	17
	Timmins	1	11
	Welland	1	12
	Windsor	3	36
	Toronto	11	153
	Totals	60	555

TABLE No. 3 (Continued)

Hairdressing	Hamilton	6	103
	Kingston	1	6
	London	3	26
	Ottawa	3	34
	Windsor	1	19
	Toronto	21	352
		35	540
Barbering	Ottawa	1	7
	Toronto	3	39
		4	46
	Grand Totals	99	1141

TABLE No. 4

REPORT OF CERTIFICATES ISSUED FOR THE FISCAL YEAR ENDING MARCH 31, 1940

	Motor Vehicle Repair	Barbering	Hairdressing	Totals
First certificate	437	361	407	1205
By examination	395	13	330	738
By duplicate	6	3	5	14
By renewal	6213	2628	2931	11772
By miscellaneous	20	7	13	40
	7071	3012	3686	13769

TABLE No. 5

REPORT OF SCHOOL LICENSES FOR THE FISCAL YEAR ENDING MARCH 31, 1940

	Hairdressing Schools	Barbering Schools
Renewals	21	4
New Licenses Issued	1	
Schools in Operation	22	4

TABLE No. 6

REPORT OF REVENUE FOR THE FISCAL YEAR ENDING MARCH 31, 1940

	Gross Revenue	Refunds	Net Revenue
Motor Vehicle Repair Trade	$8,825.50	$320.50	$8,505.00
Barbering Trade	3,745.00	69.00	3,676.00
Hairdressing Trade	5,355.00	112.00	5,243.00
Miscellaneous	14.40		14.40
Totals	$17,939.90	$501.50	$17,438.40

MINIMUM WAGE BRANCH

A. W. CRAWFORD—CHIEF ENFORCEMENT OFFICER

The work of the Minimum Wage Branch during the fiscal year ending March 31, 1940, was affected very little by the war. Towards the close of the year, however, an increasing shortage of skilled operators was apparent and the necessity of training large numbers of new workers focused attention on the differences in beginners' rates for girls under eighteen years of age and adults with no previous experience. A number of employers continued the practice of employing only young girls as beginners and in many instances older girls were giving their ages as sixteen or seventeen in order to obtain work.

WAGE RETURNS

Analysis of the wage returns submitted during the fiscal year revealed no appreciable changes in the wage rates being paid to female employees generally, although returns received during the latter part of the year indicate increased earnings in the textile mills and needle trades. These increases were due largely to war orders which necessitated more hours of work. Most of the returns were received too early to be affected by war activity.

Wage returns covering periods of from one to four weeks were received from 14,954 employers, as compared with 15,442 for the previous year. This decrease was due to the fact that the names of many firms were dropped from the lists because they did not employ female workers. There was an increase in the number of employees reported, the total of 432,892 indicating improvement in the employment situation. The number of female employees reported was 129,111, the number of males being 303,781. These returns are fairly complete for industrial establishments in which women are employed and represent a fair cross section of the Province in various types of employment. Approximately one-third of the firms and employees reported are in the city of Toronto; one-fifth in the four cities of Hamilton, Ottawa, London and Windsor; slightly more than one-quarter in the remaining cities; and the remaining one-fifth in the small communities and rural districts. For the purposes of analysis and checking, employers were divided into thirty-five groups or classes, but to conserve space these were grouped into twenty-one classifications, as given in the tables appended to this report.

WAGE ADJUSTMENTS

Returns submitted by employers continue to reveal under-payments and ignorance of the law despite the continuous efforts of the board to inform all concerned regarding the requirements of the law. During the year increases in wage rates were ordered for 1,674 female employes in 929 different establishments, as compared with 1,446 adjustments in 887 firms the previous year.

COMPLAINTS

The number of complaints received during the year decreased from 462 to 392. This was due probably to the increasing fear of girls that action by the Board in connection with wage adjustments or colletion of arrears would result in dismissal of the complainants. Some employers discriminate against girls who complain to the Board, but always in such manner as to make it very difficult, if not impossible, to prove that the action taken was the result of the girl's complaint or the activity of the Board.

ARREARS OF WAGES

As a result of complaints or repeated violation as revealed by the wage sheet return forms, arrears of wages were collected from 337 employers on behalf of 463 employees, the total amount being $12,946.17. During the previous year a slightly higher amount, namely $13,544.98, was collected from 309 employers for 453 girls and women.

PROSECUTIONS

It was necessary to take court action against 18 employers in connection with 35 separate violations of the Act and orders during the year, as compared with 28 charges against 22 employers for the previous year. Informations were laid against eight employers in Toronto, two each in Ottawa, London, Windsor and one each in Hamilton, Stratford, Niagara Falls and Smith's Falls. Eighteen charges were withdrawn after the cases came to court, but in each case arrears were paid or action had been taken by the employer to meet the requirements of the law.

SUMMARY OF COURT CASES

April 1, 1939, to March 31, 1940

Nature of Charges Laid	**Disposition of Charges**
1—Violation Order No. 1 Textile Industry.	14—Convictions.
2—Violations Order No. 6 Retail Stores.	18—Withdrawals (Arrears paid and records adjusted.
4—Violations Order No. 17 Needle Trades.	3—Dismissals.
1—Violation Order No. 25 Office Workers.	
10—Violations Order No. 27 Hotels and Restaurants.	
6—Violations Order No. 42 Hairdressing.	
7—Failure to keep records.	
4—Supplying false information.	
35 Total	35

Number of charges laid	35
Number of employers	18
Number of employees affected	37
Amount of arrears paid	$1,557.38
Amount of fines collected	$140.00

APPEALS

A conviction against a restaurant owner in Hamilton for underpayment was appealed by the employer. The judge of the Appeal Court upheld the decision of the magistrate although the amount of arrears awarded to the employees was reduced.

A magistrate in Toronto dismissed the charge against another employee operating a restaurant, on the grounds that the tips received by the employee together with the cash wages and meals supplied by the employer were sufficient to meet the requirements of the Order. This decision was successfully appealed by the Board and the judgment of the Appeal Court made it very clear that under the Minimum Wage Act tips are not wages.

PERMITS

The number of permits issued to employers authorizing the employment of learners or beginners at less than the minimum rates prescribed by the orders of the Board was 118, as compared with 119 the previous year, but the number of such learner permits in force at the close of this year was 97, as compared with 44 at the end of last year. Permits authorizing rates lower than the prescribed minima for handicapped workers were issued for only 35 workers, as compared with 139 the previous year, and the number in effect at the close of this year was 181, as compared with 215 at the close of last year.

PERMITS

	Total Number Employers	Total Number Employees	Learners		Handicapped	
			Male	Female	Male	Female
Permits in force at beginning of fiscal year	116	259	31	13	77	138
Permits issued during fiscal year	36	153	23	95	9	26
Permits expired or cancelled during fiscal year	31	134	28	37	34	35
Permits in force at end of fiscal year	121	278	26	71	52	129

HOMEWORK

There was very little change in connection with the rates paid to homeworkers or in the nature and volume of the work being done in homes throughout the Province. Rates were approved for 46 new employers while 44 discontinued the giving out of work during the year. The total number of firms employing homeworkers at the close of the year was 167, as compared with 165 at the close of last year.

HOMEWORK PERMITS FOR EMPLOYERS

Permits in force at beginning of fiscal year	165
New permits issued during fiscal year	46
Permits expired or cancelled during fiscal year	44
Permits in force at end of fiscal year	167

ANALYSES OF WAGE RETURNS

AUTOS, ACCESSORIES, AIRCRAFT, BOATS AND ELECTRICAL TRADES—1939

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	127		69		70		20	
(b) Having no female employees	9		11		18		—	
(c) Out of business or failing to report	15		9		8		2	
(d) Total receiving Questionnaires	151		89		96		22	
Number of Employees :								
(a) Male	5203		16585		12049		1628	
(b) Women	1930		1616		1550		355	
(c) Girls—under 18 years	81		63		60		32	
(d) Total reported	7214		18264		13659		2015	
Average hours per week (normally)	40		40.8		43.5		41.8	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Weekly rates of wages :								
Under $8.00 a week	—	12	—	—	—	3	—	1
8.00—10.00	2	21	10	3	27	22	28	15
10.00—12.00	39	25	55	21	115	24	53	13
12.00—14.00	212	19	123	23	166	6	92	3
14.00—16.00	458	4	136	7	326	3	58	—
16.00—20.00	699	—	653	9	463	2	54	—
20.00—25.00	282	—	348	—	308	—	50	—
25.00—30.00	157	—	188	—	118	—	7	—
30.00 and up	81	—	103	—	27	—	13	—

MACHINERY AND METAL PRODUCTS—1939

Population Zones	Toronto		Other Cities Over 50,00		5,000—50,000		Under 5,000	
Number of Employers:								
(a) Reporting female employees	177		124		159		60	
(b) Having no female employees	37		43		25		10	
(c) Out of business or failing to report	12		11		7		—	
(d) Total receiving Questionnaires	226		178		191		70	
Number of Employees:								
(a) Male	11414		13461		16384		5027	
(b) Women	1338		1012		1229		522	
(c) Girls—under 18 years	49		21		36		23	
(d) Total reported	12801		14494		17649		5572	
Average hours per week (normally)	42.6		42.2		42.4		44.9	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Weekly rates of wages:								
Under $8.00 a week	—	6	—	—	—	—	8	5
8.00—10.00	2	7	9	9	30	7	101	11
10.00—12.00	45	20	62	10	133	18	67	1
12.00—14.00	203	9	131	2	299	10	132	4
14.00—16.00	229	5	97	—	162	1	60	2
16.00—20.00	497	2	453	—	405	—	108	—
20.00—25.00	212	—	140	—	120	—	33	—
25.00—30.00	87	—	78	—	45	—	9	—
30.00 and up	63	—	42	—	35	—	4	—

FURNITURE, UPHOLSTERING, LUMBER AND WOOD PRODUCTS—1939

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	64		28		96		96	
(b) Having no female employees	37		7		15		22	
(c) Out of business or failing to report	68		1		14		15	
(d) Total receiving Questionnaires	169		36		125		133	
Number of Employees :								
(a) Male	2204		618		5835		4726	
(b) Women	269		59		359		362	
(c) Girls—under 18 years	19		—		28		19	
(d) Total reported	2492		677		6222		5107	
Average hours per week (normally)	44.		43.2		45.9		46.7	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Weekly rates of wages :								
Under $8.00 a week	—	9	—	—	4	12	7	9
8.00—10.00	6	5	—	—	53	4	51	5
10.00—12.00	4	3	4	—	57	4	109	4
12.00—14.00	30	1	13	—	70	4	85	1
14.00—16.00	45	1	12	—	53	—	40	—
16.00—20.00	73	—	15	—	59	3	43	—
20.00—25.00	64	—	7	—	36	1	18	—
25.00—30.00	28	—	1	—	13	—	6	—
30.00 and up	19	—	7	—	14	—	3	—

PAPER, PAPER PRODUCTS, ADVERTISING, PHOTOGRAPHY AND PRINTING—1939

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5000	
Number of Employers :								
(a) Reporting female employees	403		132		137		87	
(b) Having no female employees	74		65		10		20	
(c) Out of business or failing to report	120		99		18		15	
(d) Total receiving Questionnaires	597		296		165		122	
Number of Employees :								
(a) Male	11058		4460		7793		4890	
(b) Women	4398		1615		1230		564	
(c) Girls—under 18 years	170		29		45		13	
(d) Total reported	15626		6104		9068		5467	
Average hours per week (normally)	44.4		45.7		46.5		47.3	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Weekly rates of wages :								
Under $8.00 a week	3	22	5	4	10	13	15	5
8.00—10.00	28	93	46	7	69	12	37	3
10.00—12.00	199	36	223	6	270	16	67	2
12.00—14.00	968	14	570	10	220	2	115	1
14.00—16.00	835	3	307	2	173	—	79	2
16.00—20.00	1248	1	246	—	295	2	174	—
20.00—25.00	606	—	104	—	105	—	32	—
25.00—30.00	229	—	48	—	45	—	23	—
30.00 and up	282	1	66	—	43	—	22	—

JEWELLERY, LEATHER GOODS AND RUBBER—1939

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5000	
Number of Employers :								
(a) Reporting female employees	162		35		82		39	
(b) Having no female employees	17		16		11		7	
(c) Out of business or failing to report	19		2		4		5	
(d) Total receiving Questionnaires	198		53		97		42	
Number of Employees :								
(a) Male	5650		1759		8051		2591	
(b) Women	1853		448		3043		620	
(c) Girls—under 18 years	132		12		217		110	
(d) Total reported	7635		2219		11311		3321	
Average hours per week (normally)	43.1		43.2		49.5		49.9	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Weekly rates of wages :								
Under $8.00 a week	4	27	—	1	24	44	47	45
8.00—10.00	27	55	3	7	133	92	130	53
10.00—12.00	70	33	48	2	384	29	68	6
12.00—14.00	344	14	74	—	588	23	105	6
14.00—16.00	318	3	50	1	541	13	155	—
16.00—20.00	635	—	149	1	1098	16	64	—
20.00—25.00	345	—	94	—	215	—	37	—
25.00—30.00	82	—	16	—	37	—	12	—
30.00 and up	28	—	14	—	23	—	—	—

TEXTILES—1939

Population Zones	Throughout The Province	
Number of Employers :		
(a) Reporting female employees	252	
(b) Having no female employees	21	
(c) Out of business or failing to report	47	
(d) Total receiving Questionnaires	320	
Number of Employees :		
(a) Male	14021	
(b) Women	13622	
(c) Girls—under 18 years	1237	
(d) Total reported	28880	
Average hours per week (normally)	48.9	
	Women	Girls
Weekly rates of wages :		
Under $8.00 a week	35	122
8.00—10.00	371	387
10.00—12.00	1614	364
12.00—14.00	4595	221
14.00—16.00	3335	120
16.00—20.00	2794	22
20.00—25.00	639	1
25.00—30.00	154	—
30.00 and up	85	—

CLOTHING AND NEEDLE TRADES—1939

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	400		86		70		14	
(b) Having no female employees	30		6		1		—	
(c) Out of business or failing to report	56		8		3		1	
(d) Total receiving Questionnaires	486		100		74		15	
Number of Employees :								
(a) Male	5312		644		1198		128	
(b) Women	4158		752		2173		204	
(c) Girls—under 18 years	71		20		175		15	
(d) Total reported	9541		1416		3546		347	
Average hours per week (normally)	42.6		47.3		48.2		49.3	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Hourly rates of wages :								
Under 17 cts. per hour	15	8	8	1	52	74	19	6
17—21	45	43	20	11	188	59	52	5
21—25	111	6	108	8	500	17	52	2
25—29	516	9	238	—	518	8	31	2
29—33	668	2	142	—	427	6	26	—
33—42	1253	2	146	—	366	8	14	—
42—52	956	—	60	—	87	3	4	—
52—62	352	1	21	—	22	—	5	—
62—up	242	—	9	—	13	—	1	—

FOOD PRODUCTS (including Seasonal Canning)—1939

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	189		109		215		260	
(b) Having no female employees	23		37		53		32	
(c) Out of business or failing to report	7		3		9		35	
(d) Total receiving Questionnaires	219		149		277		327	
Number of Employees :								
(a) Male	11259		5132		6452		7283	
(b) Women	3250		1816		2953		5870	
(c) Girls—under 18 years	351		112		167		180	
(d) Total reported	14860		7060		9572		13333	
Average hours per week (normally)	46.8		47.2		49.5		51.2	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Hourly rates of wages :								
Under 17 cts. per hour	1	1	47	9	48	42	360	68
17—21	11	194	214	96	192	43	1822	66
21—25	156	125	547	7	1277	65	1417	33
25—29	1078	27	418	—	920	13	739	9
29—33	733	4	186	—	236	4	513	3
33—42	819	—	277	—	178	—	881	1
42—52	296	—	81	—	71	—	114	—
52—62	97	—	34	—	15	—	18	—
62—up	59	—	12	—	16	—	6	—

BEVERAGES, DRUGS, TOBACCO—1939

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers:								
(a) Reporting female employees	250		83		47		57	
(b) Having no female employees	34		36		18		40	
(c) Out of business or failing to report	45		24		10		8	
(d) Total receiving Questionnaires	329		143		75		105	
Number of Employees:								
(a) Male	4734		2997		2683		4023	
(b) Women	2121		1104		739		2091	
(c) Girls—under 18 years	57		59		16		50	
(d) Total reported	6912		4160		3438		6164	
Average hours per week (normally)	41.1		42		42.7		44.7	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Weekly rates of wages:								
Under $8.00 a week	3	7	—	—	6	5	12	—
8.00—10.00	7	27	9	1	32	4	121	6
10.00—12.00	90	14	144	53	53	1	186	10
12.00—14.00	417	4	246	3	176	5	274	18
14.00—16.00	331	4	153	2	91	1	215	12
16.00—20.00	536	1	321	—	254	—	1158	4
20.00—25.00	416	—	144	—	94	—	89	—
25.00—30.00	159	—	49	—	23	—	28	—
30.00 and up	162	—	38	—	10	—	8	—

MINING AND QUARRYING, NON-METALLIC AND MISCELLANEOUS—1939

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	267		71		95		55	
(b) Having no female employees	36		20		35		19	
(c) Out of business or failing to report	29		16		20		9	
(d) Total receiving Questionnaires	332		107		150		83	
Number of Employees :								
(a) Male	7078		2626		8246		13723	
(b) Women	2127		634		1187		464	
(c) Girls—under 18 years	133		34		55		52	
(d) Total reported	9308		3294		9488		14239	
Average hours per week (normally)	41.9		43.9		45.1		46.8	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Weekly rates of wages :								
Under $8.00 a week	1	33	5	5	5	16	18	38
8.00—10.00	27	66	31	19	18	13	82	10
10.00—12.00	120	17	92	8	202	16	87	3
12.00—14.00	455	12	154	1	134	9	74	—
14.00—16.00	320	4	76	1	173	—	33	—
16.00—20.00	553	1	157	—	417	—	63	1
20.00—25.00	279	—	62	—	121	1	48	—
25.00—30.00	204	—	44	—	55	—	27	—
30.00 and up	168	—	13	—	62	—	32	—

TRADE AND DISTRIBUTION—1939

Population Zones	Toronto		Other Cities Over 50,000		5,000—50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	1319		1147		1611		880	
(b) Having no female employees	93		111		173		83	
(c) Out of business or failing to report	149		60		75		35	
(d) Total receiving Questionnaires	1561		1318		1859		998	
Number of Employees :								
(a) Male	15154		6296		8283		2382	
(b) Women	11929		6008		7483		2053	
(c) Girls—under 18 years	320		47		172		94	
(d) Total reported	27403		12351		15938		4529	
Average hours per week (normally)	45.5		47.9		48.8		51.2	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Weekly rates of wages :								
Under $8.00 a week	2	6	2	2	18	15	208	45
8.00—10.00	19	155	21	17	401	62	736	27
10.00—12.00	318	132	292	13	3492	89	531	21
12.00—14.00	5193	22	3715	15	1917	4	313	1
14.00—16.00	3068	5	1006	—	880	1	161	—
16.00—20.00	2255	—	622	—	537	1	80	—
20.00—25.00	628	—	221	—	171	—	15	—
25.00—30.00	262	—	67	—	43	—	5	—
30.00 and up	184	—	62	—	24	—	4	—

RESTAURANTS AND HOTELS—1939

Population Zones	Toronto	Other cities over 50,000	10,000 to 50,000	4,000 to 10,000
Number of Employers :				
(a) Reporting female employees	498	326	514	252
(b) Having no female employees	44	9	11	13
(c) Out of business or failing to report	38	37	39	10
(d) Total receiving Questionnaires	580	372	564	275
Number of Employees :				
(a) Male	4264	2448	2604	844
(b and c) Female	4057	1414	2182	888
(d) Total reported	8321	3862	4786	1732
Average hours per week (normally)	49½	48½	48	52
	Females	Females	Females	Females
Hourly rates of wages :				
Under 17 cts. per hour	—	4	5	24
17—21	7	7	73	291
21—25	48	74	1031	271
25—29	2031	942	667	188
29—33	1051	180	231	62
33—42	563	148	119	36
42—52	274	35	41	10
52—62	42	14	10	2
62—up	41	10	5	4

HAIRDRESSING AND BEAUTY PARLOURS—1939

Population Zones	Toronto		Other cities over 50,000		10,000 to 50,000		5,000 to 10,000	
Number of Employers :								
(a) Reporting female employees	343		259		151		61	
(b) Having no female employees	36		39		15		9	
(c) Out of business or failing to report	29		6		15		3	
(d) Total receiving Questionnaires	408		304		181		73	
Number of Employees :								
(a) Male	135		41		20		10	
(b) Women	864		342		276		102	
(c) Girls—under 18 years	6		1		2		3	
(d) Total reported	1005		384		298		115	
Average hours per week (normally)	48		48		47		49	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Hourly rates of wages :								
Under 17 cts. per hour	22	3	15	1	22	1	10	1
17—21	10	—	15	—	19	—	16	—
21—25	20	2	13	—	70	—	19	—
25—29	375	1	139	—	67	—	26	—
29—33	156	—	67	—	42	1	16	—
33—42	138	—	57	—	34	—	12	—
42—52	85	—	20	—	16	—	2	—
52—62	35	—	11	—	5	—	1	—
62—up	23	—	5	—	1	—	—	—

CUSTOM MILLINERY—1939

Population Zones	Toronto		Other cities over 50,000		4,000 to 50,000	
Number of Employers :						
(a) Reporting female employees	29		12		16	
(b) Having no female employees	—		—		—	
(c) Out of business or failing to report	2		2		—	
(d) Total receiving Questionnaires	31		14		16	
Number of Employees :						
(a) Male	6		1		4	
(b) Women	124		22		30	
(c) Girls—under 18 years	3		—		—	
(d) Total reported	133		23		34	
Average hours per week (normally)	48		48		48	
	Women	Girls	Women	Girls	Women	Girls
Hourly rates of wages :						
Under 17 cts. per hour	3	2	2	—	4	—
17—21	2	1	—	—	1	—
21—25	4	—	1	—	2	—
25—29	9	—	10	—	5	—
29—33	16	—	—	—	13	—
33—42	60	—	8	—	4	—
42—52	14	—	1	—	1	—
52—62	8	—	—	—	—	—
62—up	8	—	—	—	—	—

LAUNDRIES, CLEANERS AND DYERS—1939

Population Zones	Toronto	Other cities over 50,000	Remainder of the Province
Number of Employers :			
(a) Reporting female employees	191	84	148
(b) Having no female employees	16	4	8
(c) Out of business or failing to report	6	4	5
(d) Total receiving Questionnaires	213	92	163
Number of Employees :			
(a) Male	1280	547	672
(b and c) Female	1850	773	905
(d) Total reported	3130	1320	1557
Average hours per week (normally)	48	48	50
	Females	Females	Females
Hourly rates of wages :			
Under 17 cts. per hour	2	1	15
17—21	45	20	115
21—25	151	35	475
25—29	1070	549	171
29—33	297	88	79
33—42	210	54	34
42—52	40	16	9
52—62	19	7	5
62—up	16	3	2

PROFESSIONAL SERVICES—1939

Population Zones	Toronto		Other cities over 50,000		5,000 to 50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	303		211		315		51	
(b) Having no female employees	53		22		19		5	
(c) Out of business or failing to report	19		18		12		1	
(d) Total receiving Questionnaires	375		251		346		57	
Number of Employees :								
(a) Male	245		40		37		6	
(b) Women	681		309		484		64	
(c) Girls—under 18 years	1		4		4		2	
(d) Total reported	927		353		525		72	
Average hours per week (normally)	48		41½		41		43	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Weekly rates of wages :								
Under $8.00 a week	—	—	—	—	2	1	3	2
8.00—10.00	4	—	2	1	5	–	9	–
10.00—12.00	1	1	8	2	46	2	7	–
12.00—14.00	53	–	49	–	93	1	19	–
14.00—16.00	105	–	63	–	109	–	10	–
16.00—20.00	165	–	75	–	119	–	13	–
20.00—25.00	162	–	60	1	69	–	3	–
25.00—30.00	106	–	23	–	27	–	–	–
30.00 and up	85	–	29	–	14	–	–	–

RECREATION AND ENTERTAINMENT—1939

Population Zones	Toronto	Other cities over 50,000	Remainder of Province
Number of Employers :			
(a) Reporting female employees	125	53	150
(b) Having no female employees	5	2	11
(c) Out of business or failing to report	1	1	—
(d) Total receiving Questionnaires	131	56	161
Number of Employees :			
(a) Male	1024	456	739
(b and c) Female	477	204	311
(d) Total reported	1501	660	1104
Average hours per week (normally)	2½–30; 33–57	4½–30; 30–48	4–36; 24–50
	Females	Females	Females
Hourly rates of wages :			
Under 17 cts. per hour	—	—	1
17—21	—	—	8
21—25	—	2	27
25—29	55	84	77
29—33	109	39	59
33—42	164	55	90
42—52	82	15	28
52—62	39	7	10
62—up	28	2	11

INSURANCE, BANKS, ETC.—1939

Population Zones	Toronto		Other cities over 50,000		5,000 to 50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	205		82		178		11	
(b) Having no female employees	9		1		2		—	
(c) Out of business or failing to report	3		—		2		—	
(d) Total receiving Questionnaires	217		83		182		11	
Number of Employees :								
(a) Male	3251		711		397		7	
(b) Women	3533		1253		680		17	
(c) Girls—under 18 years	3		—		2		—	
(d) Total reported	6787		1964		1079		24	
Average hours per week (normally)	39		38		39		41	
Weekly rates of wages :	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Under $8.00 a week	—	—	—	—	2	—	—	—
8.00—10.00	—	—	—	—	2	—	4	—
10.00—12.00	15	—	1	—	16	1	3	—
12.00—14.00	106	2	16	—	42	1	1	—
14.00—16.00	317	—	66	—	66	—	3	—
16.00—20.00	1105	1	305	—	172	—	5	—
20.00—25.00	932	—	376	—	183	—	—	—
25.00—30.00	582	—	250	—	110	—	1	—
30.00 and up	476	—	239	—	87	—	—	—

ACCOUNTING AND AUDITING; REAL ESTATE AND SOCIAL SERVICE; MISCELLANEOUS—1939

Population Zones	Toronto		Other cities over 50,000		5,000 to 50,000		Under 5,000	
Number of Employers :								
(a) Reporting female employees	224		93		87		6	
(b) Having no female employees	15		6		9		—	
(c) Out of business or failing to report	27		5		1		1	
(d) Total receiving Questionnaires	266		104		97		7	
Number of Employees :								
(a) Male	1710		317		131		12	
(b) Women	982		285		146		7	
(c) Girls—under 18 years	10		3		2		—	
(d) Total reported	2702		605		279		19	
Average hours per week (normally)	40		40		40		39	
	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Weekly rates of wages :								
Under $8.00 a week	1	1	—	—	—	—	—	—
8.00—10.00	–	1	1	—	—	1	1	—
10.00—12.00	13	2	12	2	12	—	1	—
12.00—14.00	89	2	45	1	25	1	3	—
14.00—16.00	106	2	42	—	37	—	—	—
16.00—20.00	205	2	86	—	31	—	—	—
20.00—25.00	241	2	50	—	16	—	1	—
25.00—30.00	147	—	27	—	15	—	—	—
30.00 and up	180	—	22	—	10	—	1	—

CONSTRUCTION AND ENGINEERING CONTRACTORS—OFFICE EMPLOYEES—1939

Population Zones	Toronto	Other Cities Over 50,000	5,000 to 50,000	Under 5,000
Number of Employers :				
(a) Reporting female employees	24	14	21	3
(b) Having no female employees	2	1	—	—
(c) Out of business or failing to report	—	—	—	—
(d) Total receiving Questionnaires	26	15	22	3
Number of Employees :				
(a) Male	1086	812	427	5
(b and c) Female	51	42	29	4
(d) Total reported	1137	854	456	9
Average hours per week (normally)	41	42½	47	43
Weekly rates of wages :	Females	Females	Females	Females
Under $8.00 a week	—	—	—	1
8.00—10.00	—	—	4	—
10.00—12.00	—	1	2	1
12.00—14.00	2	3	9	—
14.00—16.00	8	9	3	—
16.00—20.00	12	13	5	—
20.00—25.00	8	8	1	—
25.00—30 00	7	3	3	—
30.00 and up	14	5	2	2

TELEPHONES—1939

Population Zones	Toronto		Other Cities Over 50,000		10,000 to 50,000		4,000 to 10,000		Over 300 Lines		50 to 300 Lines	
Number of Employers :												
(a) Reporting female employees	27		25		73		39		30		85	
(b) Having no female employees	6		5		4		3		2		—	
(c) Out of business or failing to report	3		1		2		—		—		—	
(d) Total receiving Questionnaires	36		31		79		42		32		85	
Number of Employees :												
(a) Male	5638		1299		1141		144		32		144	
(b) Women	1247		852		1009		220		210		344	
(c) Girls—under 18 years	8		—		—		—		1		—	
(d) Total reported	6893		2151		2150		464		243		488	
Average hours per week (normally)	43		44		46½		47		47		45	
Hourly rates of wages :	Women	Girls	Women	Girls	Women	Girls	Women	Girls	Women	Girls	Women	Girls
Under 17 cts. per hour	—	—	—	—	4	—	—	—	1	1	90	—
17—21	—	—	—	—	26	—	8	—	12	—	91	—
21—25	6	1	19	—	80	—	43	—	40	—	54	—
25—29	25	7	57	—	221	—	45	—	44	—	61	—
29—33	85	—	73	—	118	—	105	—	70	—	21	—
33—42	223	—	421	—	369	—	76	—	22	—	24	—
42—52	404	—	164	—	115	—	31	—	21	—	1	—
52—62	316	—	69	—	26	—	6	—	—	—	1	—
62—up	188	—	49	—	50	—	6	—	—	—	1	—

APPENDIX

STRIKES AND LOCKOUTS IN ONTARIO, FISCAL YEAR 1940

(From figures published in Labour Gazette)

Industries	Number of disputes in progress	Number of persons involved	Aggregate duration in working days
Fishing	1	10	25
Logging	1	75	150
Mining	1	14	28
Manufacturing—			
Boots and shoes	1	16	80
Fur and leather	1	8	8
Metal products	6	1,218	7,689
Rubber	5	957	22,664
Textiles and clothing	4	1,534	11,376
Wood products, miscellaneous	3	384	1,277
Miscellaneous manufacturing	1	100	100
Construction—			
Building and structures	4	358	1,504
Highway	1	20	10
Miscellaneous	1	7	15
Transportation—			
Water	2	85	200
Service—			
Custom and repair	1	11	90
Business	2	18	252
Trade	1	1,260	5,000
Totals—1940	36	6,075	50,468
" —1939	51	5,795	86,997
" —1938	127	22,749	294,906
" —1937	78	13,251	148,929
" —1936	50	9,120	78,511
" —1934	94	18,198	256,311
" —1933	39	7,380	109,240
" —1932	26	2,432	50,401
" —1931	18	2,827	66,268
" —1930	21	4,315	50,513
" —1929	43	5,175	75,870
" —1928	52	5,622	59,889
" —1927	25	4,403	56,695
" —1926	17	1,839	46,402
" —1925	21	2,499	27,447
" —1924	19	3,913	95,196
" —1923	16	1,946	198,319
" —1922	23	2,712	367,893
" —1921	53	10,800	521,210

THE HOME FRONT
THE FIGHTING FORCES
BRITANNIA
THE WORLD'S HOPE AGAINST TYRANNY
INDIA
GIBRALTAR
AUSTRALIA
MALT
JAMAICA
NEW ZEALAND
CANADA
NEWFOUND
FLED TO SAVE HUMANITY—HESS
SOVIET HOLD HUGE FRONT
LAUNCHES DAY BLITZ

Courtesy Toronto Board of Education.

THE EMPIRE AT WAR

REPORT

OF THE

Minister of Education

Province of Ontario

FOR THE YEAR

1940

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REPORT

OF THE

Minister of Education

FOR THE YEAR 1940

To The Honourable Albert Matthews, LL.D.,
Lieutenant-Governor of the Province of Ontario.

Your Honour,—

I beg leave to present to your Honour the Report of the Department of Education for the year 1940.

Schools and the War

The vocational schools of Ontario were mobilized during the last two weeks of June, 1940, for the purpose of training men and women for semi-skilled employment in war industries. A survey was made in each district of the needs of local firms, and special war emergency classes were instituted to provide the necessary instruction. Staffs, accommodation and equipment showed an amazing adaptability to war-time requirements. During July and August approximately 6,000 persons throughout the Province received special training in a variety of trades, and so successful was the project that plans are now being made to continue the instruction concurrently with the regular day and evening classes. If necessary, the war classes will be conducted on a twenty-four-hour-day basis.

The programme in its entirety has been made possible by the whole-hearted co-operation of advisory committees and boards, who placed the accommodation, equipment and staff under their control at the disposal of the Department without reserve. This spontaneous co-operation on their part is gratefully acknowledged.

New Courses of Study and New Text-Books

In order that the programme of studies should not be unduly disrupted and that the cost of the new text-books required should be as light as possible in any one year, it is the policy of the Department of Education to introduce new courses of study for Grades IX-XIII in successive years.

A new course for the pupils of Grade XI in Ancient and Mediaeval History was introduced in September, 1940, and a new text-book to cover this course was authorized at that time, viz., The Ancient and Mediaeval World. This, with a Latin Reader for High Schools, and a new reader, Deuxième Livre de Lecture, for the use of elementary schools attended by French-speaking pupils, were the only new text-books authorized for 1940 which pupils were required to purchase.

The following books were authorized but permission was granted to schools to continue the use of text-books already in the hands of the pupils: English—*Mastering Effective English* for Grade XII; History—*Britain and the Empire from 1603*; *Britain's Story*; *The British People, A Story of Social Development*; these are alternative texts for Grade IX. *A Modern Geometry for High Schools* was also authorized.

General Shop Work, was authorized but pupils were not required by Departmental Regulations to purchase it.

Teacher Training

The registration at the Normal Schools decreased from 1,247 in 1939-40 to 1,120 in the 1940-41 session. The actual decrease in attendance is to be ascribed to the entrance of 104 fewer men, the majority of whom enlisted for active service or engaged in some form of war work. Women graduates from upper secondary school grades are likewise responding in ever increasing numbers to a growing demand for inspectors in munition plants, clerks in the national civil service, trainees in the nursing profession and workers in other war-time activities. Thus an anticipated increase in the numbers of teachers-in-training as a consequence of the better remuneration now being paid throughout the profession did not take place and this in spite of the fact that 104 applicants who held but 8 of the 9 required Upper School examinations were by special ruling admitted in 1940-41 to the Normal Schools. This year the Province has had to deal with a shortage of approximately 150 teachers. The gaps in supply have been filled, and usually well filled, by former teachers now married, but who patriotically gave their services to meet a war-time need. The temporary closing of 198 small schools during the past five years, under the policy pursued by the Department of closing schools having an average attendance of 8 or under, has helped materially in averting a crisis in educational affairs owing to the present scarcity of qualified teachers.

During the autumn of 1940 a questionnaire was addressed to all inspectors requesting a detailed report on the work of 1939-40 graduates from the Normal Schools. The results show that the all-round efficiency of this recent group of teachers-in-training is appreciably above the average for teachers newly entering the profession particularly with regard to managerial capability. Improvement in this latter respect may probably be attributed to: (1) the introduction on the Normal School programme of four weeks of continuous directed-observation and practice teaching, two in graded and two in ungraded schools, which has given the students a more intimate understanding of actual schoolroom conditions and a more realistic practice in the discharge of their duties, (2) the substitution of "one-hour-in-charge" for the single practice lesson in rural practice-schools, (3) the interchange of Normal School masters and inspectors which has given the former a more thorough acquaintance with the field for which teachers-in-training are being prepared and the latter a better appreciation of the need and ways and means of continuing teacher training.

Closing of Small Schools

The number of qualified teachers available for the schools decreased rapidly during the year, due to enlistment of male teachers, to the marriage of many women teachers, and to the transfer of many women teachers to office work, particularly under the Dominion Government. It became a distinct advantage, therefore, to have some thirty-eight rural public schools, with an enrolment of fewer than eight in each case, closed during the calendar year. In most cases these schools were closed by the action of the local board of trustees. In a few cases, however, it was necessary for the Department to ask the boards of trustees that the schools be closed temporarily because there was no prospect of an enrolment of more than eight pupils for the school in the immediate future.

At the end of the year 1940, 198 such small schools had been closed.

Township School Areas

As the ratepayers receive further information regarding township school areas, favourable opinion toward these areas increases. The public school inspectors have rendered a splendid service in bringing to the attention of the people the advantages to be gained by the larger unit of school administration in rural areas. The number of new areas formed in the calendar year 1940 was not as great as for each of the preceding two years. This was due largely to war conditions and to the hesitancy on the part of the people to make changes at this time. Twenty-six new areas were formed during the period January 1st to June 30th, 1940, involving the dissolution of 139 school sections. There are now 99 Township School Areas in the province, representing 513 former school sections.

Improvement of Rural School Buildings and Grounds

In the early part of 1940 an Interdepartmental Committee was formed to discuss ways and means of bringing about improvement and beautification of school properties.

The Inspector of Agricultural Classes prepared a booklet entitled "Suggestions for Improvement of Rural School Grounds", which was distributed to inspectors and teachers throughout the province. In the latter part of the year much good work had been done in many parts of the province toward improvement and beautification of school property. This campaign will be made continuous in the hope that, through the co-operation of inspectors, trustees, teachers parents and children, the school properties may become much more attractive than they have been in the past.

Boards of Trustees are not being called upon to make large expenditures in connection with this beautification programme. The plan is rather to make use of the efforts of the pupils and local residents, and of planting material to be found in the local area, as far as possible.

Correspondence Courses

The Correspondence Courses conducted by the Department brought to a close a very successful year in June, 1940. Children in many more isolated homes took advantage of this excellent opportunity to carry on their education in their own homes. Wherever there are mailing facilities these courses are available, free of charge. Over 60,000 prepared lessons were received during the school year. Not only are isolated children provided with these courses, but also crippled children, children in the sanatoria and preventoria of the province, and even Ontario families temporarily domiciled outside the Province, may take advantage of these courses.

In numerous homes, particularly where the children receive judicious supervision, most satisfactory work is done and excellent progress made. During the year under review, over 500 pupils passed from one grade to the next, some even completing two grades in one year.

Many pupils enrol during the winter months, i.e., from November to Easter, when conditions of roads or weather render it difficult for them to attend school. If at the time of their enrolment the teacher gives the pupil a statement of his progress he may continue his studies with little or no interruption and return to his school the equal, and in many cases in advance, of his classmates.

Correspondence pupils have been exceptionally successful at the Entrance Examinations, particularly those who had taken all the grades by correspondence. From the very first they had been taught to put their work down orderly and neatly. Thus the Entrance was but a final Correspondence exercise.

In Grades IX and X the results were quite satisfactory. Many completed the usual quota of four or five subjects during the year. Some who had not so much time to devote to study, or were not encouraged to apply themselves regularly, did not do so well. But whatever progress they did make, might be continued in September without interruption.

At Christmas and Easter supplementary reading books, suitable to the different grades, were given to pupils who showed satisfactory progress or earnest endeavour.

Grades VII to X were provided on the 1st and 15th of each month with outlines of the chief events of the present war.

The Correspondence Staff consists of nineteen fully qualified and experienced teachers, thirteen of whom are permanently employed; and six were temporarily employed whenever their services were required.

Respectfully submitted,

D. McArthur,

Minister of Education.

Toronto, November 21st, 1941.

APPENDIX A

REPORT OF THE CHIEF INSPECTOR OF PUBLIC AND SEPARATE SCHOOLS

The Provincial Inspectoral Staff, 1940

I. In Memoriam:

Mr. Neil McDougall, B.A., was the son of a pioneer family in Lambton County who resided on a farm near the town of Petrolia. His early education was received in rural schools, the Petrolia High School and the Sarnia Collegiate Institute. When only seventeen years of age he began teaching, on a Model School certificate, in a rural school. After an experience of three years he entered the University of Toronto, graduating with honours in the Natural Sciences and in General Proficiency. He then attended the Ontario School of Pedagogy, and served on the staffs of the Pembroke High School, the Port Dover High School and the Parkhill High School. In the last-named school he served with marked success as principal for a period of ten years. In 1907 he was appointed Public School Inspector for Lambton East, a position which he held with distinction until 1922. His enthusiasm, his inspiration and his counsel were appreciated by his teachers. In 1922 he received the appointment as General Inspector in the Department of Education. While with the Department he directed the Correspondence Courses, of which he and his staff of teachers made a great success. At the time of his retirement no fewer than two thousand boys and girls living in remote areas in the province were taking advantage of these courses, and all these pupils regarded Mr. McDougall as an interested friend and adviser. He was also for a number of years Interchange Officer for the Department of Education, and through his efforts on their behalf many teachers of Ontario schools were privileged to spend a year abroad in the schools of the United Kingdom or of the other Dominions. Education in this province lost an active worker and a benefactor in the death of Mr. McDougall in December, 1940.

Mr. H. Frank Cook, B.A., was born in the village of Delhi, Norfolk County. His public school education was received in School Section No. 6 Windham, his high school education in the Simcoe High School and his professional training in the Simcoe Model School and in the Ontario Normal College in Hamilton. He graduated from the University of Toronto in 1899 with First Class honours in the Natural Sciences and with the gold medal for General Proficiency. He taught public school for eight years, part of the time in School Section No. 15 Charlotteville, and the balance in School Section No. 3 Middleton. As an inspector he served six years as assistant to Dr. Wadsworth, Inspector of Schools for Norfolk County, succeeding him in 1905. This position he held until his death in March, 1940. Mr. Cook's services as an inspector covered a period of approximately forty years, and under his able leadership the schools made marked progress. Mr. Cook was also a leader in community work. He took a very keen interest in every movement of benefit to Simcoe and the district. He was particularly well-versed in the history of Norfolk County and was often called upon to speak on this topic. In more recent years he became interested in the organization of classes in English for New Canadians in his area. This work met with great favour. Mr. Cook was a scholar, but he combined with scholarship a sound judgment and a sympathetic understanding which endeared him to his teachers and to a large circle of friends.

Mr. Charles W. Mulloy was born on a farm near the town of Elmira. His public school education was received in the home section, and his high school education in the Berlin (Kitchener) High School, from which he graduated with a non-professional Second Class certificate. At the conclusion of a course in the Toronto Normal School he obtained a Second Class Teacher's certificate (Grade A). He taught for several years in rural schools in the Counties of Wellington and Waterloo. During these years he prepared by private study to take his Honour Matriculation examination, and on it he obtained honours in Classics, Mathematics, English and French, and also a scholarship for General Proficiency. He graduated from the University of Toronto in 1884 with Specialist academic standing in Classics. After qualifying as a high school teacher, Mr. Mulloy taught as an assistant master in the following schools:—Waterloo County Model School, Galt; Berlin High School; Seaforth High School; and as principal in Grimsby High School, Lucan High School and Aurora High School. In 1906 he was appointed Public School Inspector for the northern portion of York County. This position he held until his retirement in 1928. Mr. Mulloy was a successful teacher, and as an inspector he rendered outstanding service for a period of twenty-three years. Mr. Mulloy died at his home in Aurora on October 2nd, 1940.

Dr. J. H. Putman retired from service as Chief Inspector of the Ottawa Public Schools in 1937, after serving in this capacity for a period of twenty-seven years. On September 12th, 1940, following a brief illness, he died at his home in Ottawa. Dr. Putman was born in Gainsborough Township, Lincoln County, on September 17th, 1866. He attended a rural public school in the home area and later the Smithville High School and the St. Catharines Collegiate Institute. He graduated from the Toronto Normal School with honours, and throughout his teaching experience continued to be a keen student. In 1899 he obtained his B.A. degree from Queen's University and in 1907 his Bachelor of Pedagogy degree, and in 1910 his Doctor of Pedagogy degree from the same University. Few teachers had a more rapid rise in the profession than Dr. Putman. In 1885 and 1886 he taught in a rural public school in Seneca Township; from 1888 to 1891 he was principal of the Ancaster Village Public School; he was on the staff of the John Fisher Public School in the City of Toronto from 1891 to 1894, and in the latter year became Assistant Principal of the Ottawa Normal Model School. In 1902 he became Headmaster of the Normal Model School and in 1908 the English Master. In 1910 he received the appointment of Public School Inspector in the city of Ottawa. In this position his work became widely known throughout the Province and the Dominion. His annual reports on the public schools of Ottawa were regarded as outstanding contributions to the cause of elementary education in the province, and were read widely by educational leaders. During his period of office in Ottawa Dr. Putman received many appointments on educational committees, chief among these being (1) as chairman of a committee to report on the educational system of British Columbia; (2) as a member of a committee to report on the Protestant schools of the Province of Quebec; and (3) as one of the first members of the Ontario Teachers' and Inspectors' Superannuation Commission. In 1935 Dr. Putman was honoured by the University of Toronto with the degree of LL.D. On retirement from office as Chief Inspector of the Ottawa Public Schools he was elected as a Controller in the City of Ottawa and was giving leadership in this new field up to the time of his final illness.

As a writer Dr. Putman contributed many articles to educational publications. His book on Egerton Ryerson is to be found in the best school libraries of the Province and the Dominion, and his work entitled "Fifty Years at School" is a comprehensive review of the changing school philosophies and school practices over the period 1890 to 1940. With due deference to all, it may be said that, in the field of elementary education, Dr. Putman stood second to none in the Dominion during the last twenty-five years of his active service.

Mr. J. H. Smith, B.A., was a native of Ancaster. On graduating from the St. Thomas Model School he entered the teaching profession at the early age of seventeen, his first school being at Teviotdale. Later he attended the Ottawa Normal School and obtained a Second Class certificate. For a number of years he was engaged in public school work in the Counties of Wellington, Perth, Elgin and Middlesex, at the same time taking an extra-mural course in Science at Queen's University. He attended Queen's for one year and graduated with an M.A. degree in Science. He then accepted a position as Science Master in the Ridgetown Collegiate Institute, and later was appointed principal. Owing to uncertain health, Mr. Smith resigned this position to engage in farming. Subsequently he returned to his profession and held the principalships of the Petrolia and Dutton High Schools. In 1907 he was appointed Public School Inspector for Kent West and the City of Chatham. After 1928 his duties were confined to the inspectorate of Kent West; he retired on August 31st, 1931. From boyhood Mr. Smith was a keen naturalist and few men knew birds and flowers as well as he. He was one of the founders of the Kent Nature Club. He was also an active member of the Macaulay Club and for a number of years was the honorary president of the club as well as its popular critic. To every task which Mr. Smith undertook he brought enthusiasm, good judgment and exceptional tact. He was an outstanding inspector and was held in high esteem by his teachers as well as by his large circle of friends.

II. Resignations:

Mr. W. J. Lee, B.A., is a native of Lanark County. He attended school in School Section No. 15 Bathurst, and later the Perth Collegiate Institute, obtaining a Second Class non-professional certificate in July, 1885. He attended the Perth Model School and had his first experience as a teacher in the Sturgeon Falls Separate School, beginning January, 1886. He also taught in the Perth Separate School and in School Section No. 2 Burgess North. On completing a course in the Ottawa Normal School he was appointed to the staff of the Ottawa Separate Schools as principal of St. Joseph's School, a position which he held with distinction for twenty-four years. In 1915 he was appointed Separate School Inspector for Western and Central Ontario, his duties taking him to Bruce County on the West and to Hastings County on the East. In January, 1922, he became the senior Separate School Inspector for the City of Toronto, and he held this position until his retirement on August 31st, 1940. He was an outstanding teacher and a very efficient inspector, possessing those qualities of personality which commanded the admiration and respect of the teachers and pupils. His official visits to the schools were always awaited with interest and pleasure by both staffs and students. His ready acceptance of new ideas in education was expressed in his enthusiasm for the new programme of studies.

Throughout a teaching service of fifty-five years Mr. Lee made a noteworthy contribution to the interests of the elementary schools of the province.

Dr. D. D. MacDonald, B.A., is a native of Durham County. His elementary school education was received in Union School Section No. 22 Clarke and School Section No. 22 Darlington, and his secondary school education in the Bowmanville High School. He obtained his B.A. degree from the University of Western Ontario, and his Doctor of Pedagogy degree from the University of Toronto in 1923. Dr. MacDonald attended the Port Hope Model School and the Toronto Normal School. He taught in rural public schools in School Section No. 4 Darlington and School Section No. 5 Pickering. Later he became vice-principal, and then principal, of Annette Street Public School, Toronto. Later still he served as principal of Niagara Street, McMurrich and Orde Street Public Schools. In September, 1930, he was appointed a Public School Inspector for the City of Toronto. He filled this position with distinction until his retirement on June 30th, 1940. During his years of service in the public schools of Toronto Dr. MacDonald was appointed a delegate to attend the first biennial meeting of the World Federation of Education, which was held in Edinburgh in 1925. On his invitation the Federation held its meetings in Toronto in 1927. He also attended meetings of the Federation in Geneva in 1929, in Honolulu in 1932, in Dublin in 1933 and in Tokio, Japan, in 1937. Few teachers and inspectors have rendered a greater service to the cause of elementary education in Ontario than Dr. MacDonald.

Mr. J. F. McGuire, M.A., is a native of the County of Leeds, in which he received his elementary and secondary school education, the latter in the High Schools of Athens and Brockville. Upon obtaining his Second Class certificate from the Ottawa Normal School he spent several years teaching in his home county. In 1902 he graduated from Queen's University with his Master of Arts degree and the medal in Biology. He secured his High School Assistant's certificate, and Specialist's certificate in Science, from the Ontario Normal College in 1903, after which he taught in the High Schools in Almonte and Iroquois and in Brockville Collegiate Institute. In 1915 he assumed the duties of Public School Inspector in the Counties of Leeds and Grenville. In December, 1940, he retired from active service. During his tenure as inspector Mr. McGuire took special interest in the establishment of continuation schools for the benefit of rural school pupils. For eight years he was Examiner-in-Chief in Science for the Department of Education. In 1933-34 he filled the place of exchange teacher in the Hamilton Normal School. Mr. McGuire secured the ready co-operation of teachers and boards of trustees in all school matters, and under his direction his schools made splendid progress. He was regarded as an educational leader, not only in his local area but also throughout the province.

Mr. S. A. Morrison, B.A., first attended school in School Section No. 8 Bentinck, Grey County, from which he obtained a non-professional Third Class Teacher's certificate. He then attended the Walkerton Model School and taught for three years in School Section No. 5 Bentinck. Later he attended the Owen Sound Collegiate Institute. He then entered Queen's University, specializing in English, History and Political Science; he graduated in all three courses, with honours in English and in History. After a year's attendance at the Ontario Normal College, Hamilton, he was awarded a High School Specialist's certificate in English and History, and a Permanent First Class Public School certificate. In addition to his public school teaching experience Mr. Morrison taught in the Barrie Collegiate Institute as Master in English and History, and as principal of the High Schools of Markdale and Elmira. In 1927 he was appointed Public School Inspector for Grey East. In this inspectorate he rendered valuable service to the cause of education, and also to the community generally; he supported enthusiastically every movement which he considered would benefit the pupils and the people of his area. He was one of the first of the inspectors to emphasize the teaching of music in his schools, and at the time of his retirement in June, 1940, no fewer than 99 schools in his inspectorate were receiving special instruction in music.

III. Appointments:

The following appointments were made to the provincial staff of inspectors during the year 1940:—

1. St. Catharines: Mr. M. F. Pummell, B.A., B.Paed., Principal of Marlborough Public School, Windsor, duties beginning July 4th, 1940.
2. Essex: Mr. F. W. Minkler, B.A., B.Paed., of the staff of the Ontario College of Education, duties beginning June 1st, 1940.
3. Grey East: Mr. L. L. Sinclair, B.A., Principal of Strathcona Public School, Owen Sound, duties beginning September 1st, 1940.
4. District Division X: Mr. H. W. Brown, B.A., Principal of Wellington Continuation and Consolidated School, duties beginning September 1st, 1940. (New inspectorate.)
5. District Division XI: Mr. J. E. Horton, B.A., Principal of Central Public School, Cochrane, duties beginning September 1st, 1940.
6. R.C.S.S. Division III: Dr. Louis Charbonneau, M.A., Editor of French Text Books, duties beginning October 5th, 1940. (New inspectorate.)
7. R.C.S.S. Division VIII: Mr. A. M. McNamara, B.A., of the staff of the Ontario School for the Blind, Brantford, duties beginning October 1st, 1940. (New inspectorate.)
8. R.C.S.S. Division XIV: Mr. W. A. Hayden, M.A., of the staff of Lisgar Collegiate Institute, Ottawa, duties beginning September 1st, 1940.

IV. Transfers:

	Inspector	*Former Inspectorate*	*New Inspectorate*	*Date*
1.	W. L. Bowden, B.A.	Essex (2)	Norfolk	June 1st
2.	C. A. Brown, M.A., B. Paed.	St. Catharines	(Department of Education)	April 1st
3.	L. J. Langan, B.A.	R.C.S.S. Div. XII	R.C.S.S. Div. VIII	Sept. 1st
4.	T. S. Melady, M.A.	R.C.S.S. Div. VI	R.C.S.S. Div. XVI	Sept. 1st

V. Exchanges Between Inspectors and Normal School Masters, Dating from September 1st, 1940.

1. Mr. C. F. Cannon, B.A., B.Paed., (York 6), with Mr. R. A. Johnston, B.A., B.Paed., of the Toronto Normal School.
2. Mr. C. B. Routley, M.A., (Wentworth), with Mr. H. G. Lockett, M.A., B.Paed., of the Hamilton Normal School.

VI. ENLISTMENT FOR MILITARY SERVICE:

Mr. H. H. Langford, B.A., Public School Inspector for District Division X, with residence at Kirkland Lake, enlisted with the Royal Canadian Air Force on February 12th, 1940. On completing the Instructors' Course at Trenton, Ontario, he was transferred to Camp Borden to act as Flying Instructor in the Advanced Training Squadron of the British Commonwealth Air Training Plan. Mr. Langford holds the rank of Flight-Lieutenant.

Township School Areas

The increase in the number of these larger units was not as as great during 1940 as for each of the preceding two years. This was due, no doubt, to a greater hesitancy on the part of rural people to entertain changes during the war period. The inspectors continued, however, to make the idea more widely known, and among municipal councillors, trustees and rural leaders a favourable attitude to the movement is steadily growing. Twenty-six new areas were formed during the period January 1st to June 30th, 1940. There are now in the province 99 of these larger areas, replacing 513 school sections. An encouraging feature of the progress made in 1940 was that in seven areas formed in earlier years, additional school sections were added.

The following is a list of the township school areas organized during the calendar year 1940:—

Townships	Number of School Sections	County or District	Inspector	Date of Formation
1. Perry	7	Parry Sound	E. R. Underhill	Jan. 8th
2. Wollaston	6	Hastings	J. D. Deyell	Jan. 10th
3. McClure and Wicklow	4	Hastings	J. D. Deyell	Feb. 24th
4. Bangor	3	Hastings	J. D. Deyell	Feb. 24th
5. Casey	2	Temiskaming	W. L. Lovell	May 13th
6. Clarendon	7	Frontenac	T. J. Thompson	May 28th
7. Mayo	4	Hastings	J. D. Deyell	June 1st
8. Olden	6	Frontenac	T. J. Thompson	June 1st
9. Widdifield	6	Nipissing	J. W. Trusler	June 3rd
10. Elzevir	7	Hastings	A. W. McGuire	June 3rd
11. McMurrich	4	Parry Sound	J. L. Moore	June 3rd
12. Oliver	5	Thunder Bay	W. J. Judd	June 5th
13. Ryerson	5	Parry Sound	E. R. Underhill	June 15th
14. Oso	9	Frontenac	T. J. Thompson	June 15th
15. Dalton	4	Victoria	C. W. Lees	June 21st
16. Kingsford (Unorganized)	2	Rainy River	W. E. Eade	June 24th
17. Barrie	5	Frontenac	T. J. Thompson	June 24th
18. Palmerston	7	Frontenac	T. J. Thompson	June 26th
19. Crowland	2	Welland	N. R. Wightman	June 27th
20. Lutterworth	7	Haliburton	A. Stouffer	June 28th
21. Richmond	5	Lennox	K. O. Birkin	June 28th
22. Carlow	5	Hastings	J. D. Deyell	June 29th
23. Monteagle and Herschel (1)	6	Hastings	J. D. Deyell	June 29th
24. Monteagle and Herschel (2)	7	Hastings	J. D. Deyell	June 29th
25. Fredericksburgh North	7	Lennox	K. O. Birkin	June 29th
26. Dungannon	7	Hastings	J. D. Deyell	June 29th

Small Schools

Thirty-eight rural public schools with enrolment of fewer than eight pupils each were closed during the calendar year 1940, either by action of the local board of trustees or at the request of the Minister of Education. The total number of such schools remaining closed temporarily, at the end of the year 1940, was 198.

The schools closed during 1940 are given below:—

School	Inspectorate	Inspector
1. S.S. No. 12 Sullivan	Bruce East	J. M. Game
2. S.S. No. 5 Huron	Bruce West	G. C. Dobson
3. S.S. No. 8 Huron	Bruce West	G. C. Dobson
4. S.S. No. 9 Goulburn	Carleton	T. P. Maxwell
5. S.S. No. 1 Garafraxa E.	Dufferin	H. A. Halbert
6. U.S.S. No. 10 Garafraxa E.	Dufferin	H. A. Halbert
7. S.S. No. 2 Matilda	Dundas	W. J. Stewart
8. U.S.S. No. 4 Dunwich	Elgin	J. C. Smith
9. S.S. No. 5 Olden	Frontenac North	T. J. Thompson
10. U.S.S. No. 12 Sheffield	Frontenac North	T. J. Thompson
11. U.S.S. No. 10 Glenelg	Grey South	G. E. Pentland
12. U.S.S. No. 1 McKillop	Huron East	J. H. Kinkead
13. U.S.S. No. 10 Hullett	Huron West	E. C. Beacom
14. S.S. No. 3 Lanark	Lanark	L. B. Hyde
15. S.S. No. 1 Montague	Lanark	L. B. Hyde
16. S.S. No. 3 Montague	Lanark	L. B. Hyde
17. S.S. No. 13 Elizabethtown	Leeds and Grenville (2)	E. Oakes
18. S.S. No. 14 Yonge and Escott R.	Leeds and Grenville (2)	E. Oakes
19. S.S. No. 7 Edwardsburg	Leeds and Grenville (3)	W. H. Carlton
20. SS. No. 17 Wolford	Leeds and Grenville (3)	W. H. Carlton
21. S.S. No. 7 Whitby East	Ontario South	R. A. Hutchison
22. S.S. No. 1 Caledonia	Prescott and Russell	G. R. Smith
23. S.S. No. 9 Plantagenet North	Prescott and Russell	G. R. Smith
24. S.S. No. 7 Osnabruck	Stormont	J. Froats
25. S.S. No. 1 Oliver	District Division IV	W. J. Judd
26. S.S. No. 8 Twp. 29, Range 23	District Division V	D. T. Walkom
27. S.S. No. 3 Hilton	District Division V	D. T. Walkom
28. U.S.S. No. 7 Calder	District Division IX	W. F. Hiscocks
29. U.S.S. No. 3 Boston and Pacaud	District Division X	H. H. Langford
30. S.S. No. 2B Mountjoy	District Division X	H. W. Brown
31. S.S. No. 7 Chaffey	District Division XIII	E. R. Underhill
32. S.S. No. 1 Machar	District Division XIII	E. R. Underhill
33. SS. No. 2 Monck	District Division XV	G. S. Johnson
34. S.S. No. 4 Franklin	District Division XVI	A. Stouffer
35. S.S. No. 6A Franklin	District Division XVI	A. Stouffer
36. S.S. No. 11 Minden	District Division XVI	A. Stouffer
37. R.C.S.S. No. 2 Baldwin	R.C.S.S. Division II	L. Carrière
38. R.C.S.S. No. 4 Admaston	R.C.S.S. Division XVI	J. T. Anderson

SUMMARY:	Number of schools closed before 1937	55	
	Number of these schools reopened	8	
			47
	Number of schools closed in 1937	32	
	Number of these schools reopened	3	
			29
	Number of schools closed in 1938	41	
	Number of these schools reopened	2	
			39
	Number of schools closed in 1939	45	45
	Number of schools closed in 1940	38	38
	Total number of schools closed		198

Improvement of Rural School Buildings and Rural School Sites

Early in 1940 a movement was begun leading to the improvement of rural school buildings and school sites. A committee was formed under the chairmanship of Mr. J. A. Carroll, B.S.A., Department of Agriculture. This committee included representatives from the Department of Education, the Department of Agriculture, the Ontario Agricultural College and the Department of Lands and Forests. The aim of the committee was to institute a constant and continuous campaign, through the Public and Separate School Inspectors and the teachers, for improvement and beautification of school buildings and school sites. During the year 1940 considerable progress was made. Each inspector, with the co-operation of the local board of trustees, selected a particular school on a provincial highway to become a demonstration and exhibition school from the standpoints of improvement and beautification. The inspectors further urged upon all teachers and trustees to take steps toward the improvement of their school properties.

Under the chairmanship of Mr. Norman Davies, B.S.A., Inspector of Agricultural Classes in the Department of Education, a sub-committee of the main committee prepared a booklet entitled "Suggestions for Improvement of Rural School Grounds." This booklet was distributed to every school in the province in September, 1940. It is hoped that a rapid improvement may be made in school properties over the next two or three years, and more particularly in those school properties which border on provincial highways. The Forestry Branch of the Department of Lands and Forests is assisting the schools in securing trees and shrubs. Mr. John F. Clark, Lecturer in the Horticultural Societies Branch of the Department of Agriculture, is giving special attention to the beautification of school grounds.

It is realized that to get the best results there will require to be hearty co-operation among all those interested in the schools, and that Departmental officials, inspectors and teachers will require to give this project their unwavering attention and encouragement.

Fifth Classes (Grades IX and X)

Since the introduction of the new programme of studies into the elementary schools the Department has ceased to encourage the organization of fifth classes in the ungraded school. It is felt that the responsibilities which are to be assumed by the teacher of a one-roomed school in presenting the new courses for Grades I to VIII inclusive are quite sufficient for him to undertake, without the additional effort which is required when the courses for Grades IX and X are included in the daily programme of work. As a result of this attitude of the Department toward fifth classes in ungraded schools, the number of these classes organized since 1937 has become fewer year by year, as the following table shows:—

	1937	*1938*	*1939*	*1940*
No. of fifth classes...........	1,715	1,521	1,452	1,370
No. of fifth class pupils.......	11,621	10,914	9,811	10,987
Grants to fifth classes........	$70,366	$69,083	$62,536	$67,352

In lieu of the organization of fifth classes the Department is encouraging the transportation to secondary schools of rural pupils who have high school entrance standing. The regulations require that two or more rural school boards arrange together for the transportation of high school pupils from the several school sections, to a continuation school, a high school or a vocational school. If the agreement is approved by the Department, the approval depending on the distance to be travelled, the daily cost of transportation and whether or not the contractor has met the requirements under The Ontario Public Vehicle Act, the Department pays to each section that is a party to a contract sixty per cent of the net cost of the transportation to that section. (For the school year 1941-42 the grant will be only fifty per cent of the net cost to each section.) In the school year 1940-41, 71 rural school sections took advantage of the assistance given.

The School on Wheels

The Railway School Car, with its Union Jack flying from the flag-pole at each point of call, presents a striking feature in the northern landscape. This unique type of school answers the inarticulate call of the wilderness child for help. Without it, he had no hope for even the rudiments of an education. Now he profits by this welcome visitor and is forging ahead to take his place among his more favoured fellow-Canadians. A large percentage of the population served is of non-English speech, but the language handicap is but a slight obstacle to progress, and these pupils and their parents are fitting themselves readily into the pattern of loyal and effective citizenship.

As a proof of the efficiency of the School Car, eighteen pupils last year were taking secondary school work and seven more were added to the list as High School Entrance graduates. This "Work Your Own Way" system of education develops initiative and self-dependence which register not only in school but in afterlife.

The car accommodation has been steadily improved since inauguration in 1926. In 1940 a new car was installed to replace one of the oldest in service. This car, now operating west of Capreol on the Canadian National lines, is the last word in workmanship, comfort and convenience, and has earned the grateful appreciation of teacher, parents and pupils, as well as the commendation of the public at large.

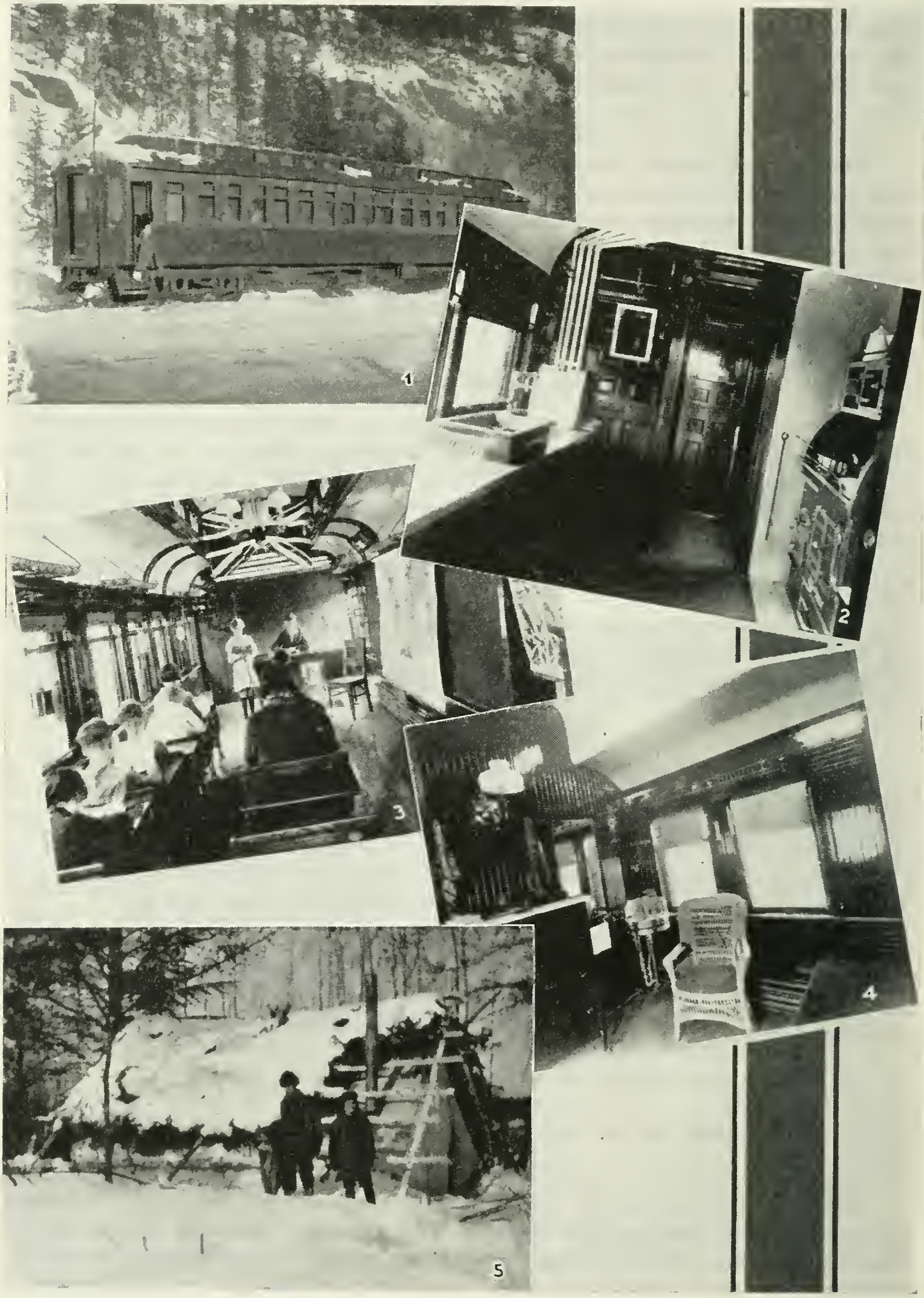
Interchange of Teachers

The gravity of the present world situation has affected the interchange of teachers to a considerable extent. For the school year 1940-1 only eleven Ontario teachers are on exchange, as compared with more than forty during each of the past several years. Except in the case of two teachers who remained overseas for a second year, the exchanges are all with the Western Provinces. A summary of the exchanges arranged for the school year 1940-41 is given below:—

1	Ontario Public School teacher on exchange in England
1	Ontario Separate School teacher on exchange in Scotland
4	Ontario Public School teachers on exchange in British Columbia
1	Ontario Public School teacher on exchange in Alberta
2	Ontario Public School teachers on exchange in Saskatchewan
2	Ontario Secondary School teachers on exchange in Alberta
11	Ontario teachers on exchange during 1940-41.

Consolidated Schools

The key principle in the consolidation of schools is the central school in the rural muncipality or school area, with carefully planned transportation thereto. By this system certain distinct advantages are gained; e.g. consistently regular and prompt attendance, better qualified and more permanent teachers, improved accommodation and equipment, more effective inspectoral supervision and better local administration. An outstanding advantage is the opportunity afforded the pupil of continuing his education while he remains at home. Out of the twenty-eight consolidated schools in the province twenty-four have fifth classes and continuation school work, with an enrolment of 500 pupils



1. The Railway Car School in its winter quarters.
2. The Kitchen.
3. The Classroom in Action.
4. The Living-room.
5. Arthur and David build a winter home at Car School Siding to get an Education.

The system has been in operation since 1908, when Hudson Township in Northern Ontario chose to try out the central school and transportation in preference to multiplying isolated sectional schools. Since that time these twenty-eight consolidated schools have replaced seventy-nine sectional and village schools, thus bringing to the rural child the advantages of the well-manned and organized graded school while retaining the rural atmosphere and providing a programme adjusted to rural needs.

Trends in the Salaries of Elementary School Teachers (cities not included) From 1900-1940

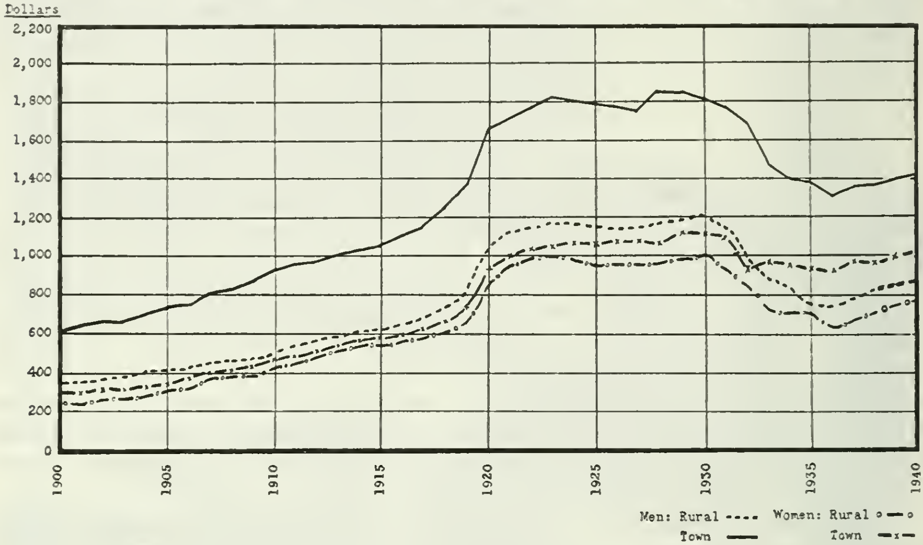
1900-1910: At the beginning of this period Canada was emerging from a depression and salaries were low. An aggressive immigration policy, initiated in the closing years of the nineteenth century, increased the number and size of settlements in the Prairie Provinces, creating a demand for additional schools and teachers, many of whom were enlisted from Ontario. In 1907 and 1908, 46 of the 56 Model Schools were closed, and the academic requirement for entrance to a training school was raised to a Second Class certificate. Economic conditions improved during the period, and, as a result of these favourable conditions, the average salary of rural men teachers advanced, more or less uniformly, from $349.00 to $508.00, and the average salary for women teachers advanced uniformly from $255.00 to $431.00, a percentage increase in the former of 45 and in the latter of 70.

1910-1920: The trend of salaries during this decade was continuously upward, the rise from 1917 to 1920 being of a very decided character. For the first four years of the period the momentum acquired in the previous decade carried the salaries upward. For two years after the outbreak of the Great War the upward trend deviated little from the horizontal, but, as war orders stepped up the circulation of currency, economic conditions, which improved materially, were reflected generally in higher wages, higher profits and higher prices of commodities. During the decade the average salary of teachers advanced in the case of men teachers from $508.00 to $1,059.00, a percentage increase of 108, and in the case of women teachers from $431.00 to $868.00, a percentage increase of 100.

1920-1930: The trend of teachers' salaries in this decade was upward, but only to a minor degree. A reaction to the boom conditions of the later years of the former decade came in the early portion of the period, but it was followed by an extensively active period to almost the closing years of the decade. The increase in the average salary of men teachers rose only 13 per cent. during the ten years, and only 16 per cent. in the case of women teachers.

1930-1940: A very severe economic depression followed the active conditions in business of the former decades, which did not spend its force until about the close of the year 1934. As a consequence, teachers' salaries dropped drastically during the period 1930 to 1936. The decrease in the salaries of the men teachers was 38 per cent., and in the salaries of women teachers the percentage decrease was 55. The decrease was accentuated by percentage reductions in the legislative and township grants, and by a surplus in the supply of teachers. The graph here attached indicates a gradual increase in the salaries from 1936 to 1940. Improvement in economic conditions, the raising of the standard for teachers' certificates, reducing the supply of teachers, the increasing of the grants on teachers' salaries, together with the sane efforts of teachers' federations, stemmed the downward trend. The second world war is a contributing factor in the movement for a general advance in the standards of wages and salaries. In this decade the average salary of men teachers declined from $1,200.00 to $875.00, or 31 per cent., while the salary of women teachers declined from $1,000.00 to $740.00, a percentage of 26. The same general influences which were responsible for the upward and downward trends of salaries for rural teachers have also been operative in the case of teachers in towns and villages. The graph which appears on this page represents the trends in the salaries of teachers in rural and in urban schools of towns and villages for the period 1900 to 1940.

TREND IN PUBLIC SCHOOL TEACHERS' SALARIES, 1900 to 1940



Average Town Salaries have been chosen as a fair indication of the Trend of Urban Salaries in comparison with Rural Salaries.

Elementary Teachers—Supply and Demand

At the present time there are approximately 17,500 teachers in the elementary (public and separate) schools of the province. During and at the end of the school year September 1939—June 1940 there were 1,713 teachers who left the elementary teaching profession of the province either temporarily or permanently. A survey made with the help of the Public and Separate School Inspectors of the province shows that these teachers left the profession for the following reasons, and in numbers as indicated:—

(1)	Enlistment for war service	148
(2)	For other war work	51
(3)	Due to marriage	882
(4)	Due to change of occupation	183
(5)	To attend University	41
(6)	To attend a teacher-training school for higher qualifications	16
(7)	To teach in secondary schools	27
(8)	To teach in private schools	15
(9)	Due to poor health	63
(10)	Due to death	28
(11)	Released by boards due to unsatisfactory service	51
(12)	Due to superannuation	119
(13)	Due to other reasons	89

These numbers may be regarded as normal except with respect to (1) and (3).

In June, 1940, there were 1,095 teachers who graduated from the eight Normal Schools.

The conclusion to be reached from the above statistics is that the number entering the profession did not keep pace with the number leaving it. However, there had been an accumulating over-supply of qualified teachers during the years, approximately, 1930 to 1937. This over-supply has been dwindling for the past three years, and it may be said now that there is a definite shortage of qualified elementary teachers in the province. Since September 1st, 1940, it has been found necessary to grant provisional standing for one year to 37 teachers not holding Ontario qualifications.

There are 1,111 teachers-in-training now in the provincial Normal Schools. The inspectors, after careful enquiry, find that there are a number of married women teachers who, because of the enlistment of their husbands for active war service, will be returning to the teaching profession temporarily. A few others who are qualified will return to the teaching profession for a period. Notwithstanding these facts, there will be an increased shortage of elementary teachers in September, 1941, and if enrolments in the Normal Schools do not increase by a considerable number during the next two or three years, there will continue to be a serious shortage of elementary teachers.

School Health Supervision

More than accustomed interest in the extension of school health supervision to rural and small urban communities has been shown during the last year. Probably the most constructive approach to this problem was evidenced by the Oxford County Council, who petitioned the Government for the legislation to permit of the expenditure of county funds for the employment of school nurses. Such legislation being secured, the necessary arrangements were completed and the Council, through a duly appointed sub-committee of its membership, arranged with the interested municipalities whereby school nursing personnel would be made available without charge to the community. The claims of the proponents of the scheme have, in one year, been accepted by its most lukewarm adherents.

Another approach has been adopted by the Council of the County of Bruce, whereby an annual grant of $10.00 per classroom is made available to any municipality, or combination of school boards, interested in the establishment of an acceptable type of school health service.

A similar manifestation of concern on the part of taxing bodies in the physical well-being of school-age children, particularly in times of national emergency as critical as those through which we are at the moment passing, is strongly recommended to other County Councils.

The Teachers' Library

On February 15th, 1938, the Department of Education opened a Teachers' Library in the Travelling Libraries Branch of the Department of Education. At first books were made available to rural public and separate school teachers only. Early in 1940 the library was made available to all public and separate school teachers with the exception of those in the largest urban centres.

In spite of the fact that the library service was made known to all rural teachers through the Public and Separate School Inspectors, the demand for books on the part of the teachers was very disappointing over the first two-year period. Recently, however, the number of teachers using the library has been increasing rapidly. There were 1,359 elementary school teachers who made use of the library during the year 1940. This was an increase of 457 over 1939. The circulation is steadily increasing, the increase in number of volumes loaned during 1940 as compared with 1939 being 1,945. At the end of the calendar year 1940 the library contained some 982 volumes, involving 81 titles. The latest books relating to elementary school practice are constantly being added to the collection.

In order to become a member of the Teachers' Library an elementary teacher is merely required to write in for an application card. When the card is properly filled in and returned to the Teachers' Library, Department of Education, the teacher may at once secure the library service. Each teacher is allowed only one book at a time, and may retain the book for a period of three weeks. If the book has not been asked for at the end of the three weeks, the period of loan may be extended. A fine of two cents per day is charged for overdue books. There is no other charge, however, connected with the library service, the postage being paid both ways by the Department of Education.

School Exhibits at the Canadian National Exhibition

Over the past few years exhibits have been made by certain groups of schools at the Canadian National Exhibition. Each year some seven to ten inspectors have been asked to appoint a committee of teachers representative of their inspectorates, for the purpose of selecting and arranging the exhibit. The Department has given encouragement to the movement by paying the necessary expenses connected with the transportation of the exhibits to Toronto and returning them again to the schools.

At the Exhibition of 1940 splendid exhibits were made by the Toronto Public Schools, the Toronto Separate Schools, the York Township Public Schools, the East York Township Public Schools, the Kitchener Public and Separate Schools, and also by the following inspectorates:—

Bruce East: Inspector J. M. Game, B.A., B.Paed.
Northumberland & Durham (2): Inspector A. A. Martin, B.A., B.Paed.
Simcoe East: Inspector J. A. Gibson, B.A., B.Paed.
Simcoe South: Inspector C. A. Lapp, B.A., B.Paed.
Welland; Lincoln: Inspector W. A. Marshall, B.A., B.Paed.
District Division IV: Inspector W. J. Judd, B.A.
District Division XII: Inspector J. W. Trusler, B.A.

No better exemplification of the work of the schools under the new programmes of study could have been given than was shown in these exhibits.

Conclusion

The continuance of the war has had its effect upon the schools. As indicated in an earlier part of this report many male teachers enlisted for active service, and during the year 1940 an unusually large number of women teachers left the teaching profession to be married.

Inspectors and teachers co-operated with boards of trustees in having the schools aid in many phases of war work during the year. The Junior Red Cross groups in the schools provided much in both money and materials. At the end of the year the pupils everywhere were purchasing War Savings Stamps and Certificates. In November and December the Navy League campaign through the elementary schools resulted in a total of $25,202.93 being contributed by the elementary school pupils for the purposes of the League. There was also a hearty co-operation as between the Daughters of the Empire and the schools in many areas. In some cases the pupils and teachers joined forces in collecting for the purchase of such special war items as ambulances, planes, etc. Many schools became interested in the British War Victims' Fund and made liberal contributions to it.

The Department of Education found it necessary during the year to ask the inspectors to perform additional services, to make special reports and surveys and to offer comments and recommendations on school problems and policies, to a greater extent than in any previous year. The prompt, willing and splendid response of the inspectors was fully appreciated. The work of the schools each year depends greatly on the tactful and inspirational leadership given by the inspectors, and it may be stated without reserve that during the year 1940 the inspectors excelled in their efforts leading to improvement in the work done by the elementary schools.

V. K. GREER,
Chief Inspector of Public and Separate Schools.

Toronto, March 31st, 1941.

APPENDIX B

REPORT OF THE CHIEF INSPECTOR OF SECONDARY SCHOOLS

I have the houour to submit herewith the reports of the High and Continuation School Inspectors and the Director of Vocational Education, for the school year 1939-40.

G. F. Rogers,
Chief Inspector of Secondary Schools.

Toronto, August 22nd, 1941.

1. Report of the Inspectors of High and Continuation Schools

The first year of the Second World War has left a deep imprint on the secondary schools of Ontario. The effect upon pupil enrolment and number of teachers employed was not immediately apparent for in both respects the totals were higher than in the previous year. This year's total of 83,150 pupils was 1,037 in excess of that in 1938-39 and the total of 3,331 teachers represented an increase of 161. But as the year advanced attendance declined owing to the enlistment of older pupils and to their absorption into industry. An increasing number of teachers also joined the fighting forces. In addition, the war necessitated the adoption of measures of economy. It brought to an end the expansion of school plants to provide facilities for training in the practical courses of Shop Work and Home Economics. A number of summer courses were discontinued in the summer of 1940. The war also had its effect upon the activities of all schools. Junior Red Cross Societies were organized and patriotic activities of many kinds were promoted under the direction of teachers so that all pupils might have an opportunity to share in the war effort. Furthermore, the foundations of our democratic society and the principles which should govern international relations have been examined afresh and it is to the enduring credit of the teachers that they have successfully fostered a sound attitude towards these matters in a time of national peril.

The new courses of study for Grade XI were introduced with the exception of those in Geography and Ancient and Medieval History. Following the practice already established in the grades of the Lower School, twenty per cent. of the school day was set aside for the study of English. In Mathematics (Algebra, Geometry), Science (Physics, Chemistry) and Agriculture (Part I, Part II), a choice of procedure was offered: one part might be completed in Grade XI and the other in Grade XII, or both parts might be begun in Grade XI and completed the following year. The new courses were taught during the year with interest and gratifying success and it is fitting that the part played by teachers in the achievement of these desirable results should be gratefully acknowledged.

The year was also marked by the abolition of all Departmental papers in Middle School subjects. The responsibility of granting or of withholding standing was placed in the hands of the principal and teachers of each school. Though this has added to their responsibilities, it has also given a new freedom in the treatment of a considerable part of the work in the various subjects. The interests and aptitudes of classes, conditions peculiar to a particular part of the province, and other circumstances can now be permitted to exert a larger influence on the presentation of the various subjects than was formerly the case when a uniform examination necessitated close adherence to a common body of information.

The abolition of Departmental examinations also resulted in a marked increase in the number of private schools requesting inspection, so that they too might be able to recommend their pupils for a Departmental diploma in Middle School subjects. To meet these new demands, Mr. T. Kennedy, M.A., and Mr. C. W. Robb, B.A., were added to the High School inspectoral staff. Both men had won distinction as teachers and principals, chiefly in Toronto schools. Mr. Kennedy was formerly principal of Riverdale Collegiate Institute and later of Oakwood Collegiate Institute; Mr. Robb of Lawrence Park Collegiate Institute, of which he was the first principal. The scholarship and practical experience of both men make their services of particular value to the Department of Education.

One of the gratifying developments in recent years has been the increasing frequency with which School Boards or their representatives have conferred with inspectors at the conclusion of the annual inspection. Communities have been well served by Boards whose members have investigated the new courses with care and understanding and who have given evidence of their approval by providing the means to make possible their effective presentation. The Department of Education has also sought to make inspectoral visits of greater value by arranging for inspection of the larger schools by two inspectors whose teaching experience has been in different departments, as, for example, Mathematics and English. It is felt that by this method a more exact appraisement of the work being done can be made and that teachers have a better opportunity to discuss the special problems of their departments with inspectors conversant with their work through practical experience.

In conclusion, we desire to pay tribute to the ability and enthusiasm of the teachers who have entered the profession during the year and to the scholarship and devotion of those teachers who have retired from the profession at the conclusion of many years of successful service.

R. W. ANGLIN,
A. J. HUSBAND,
W. A. JENNINGS,
A. G. HOOPER,
S. D. RENDALL,
R. H. WALLACE,
G. L. GRAY,
T. KENNEDY,
C. W. ROBB.

Toronto, June 30th, 1941.

2. Report of the Director of Vocational Education, 1939-40

In contrast with the Great War of 1914-18, the outbreak of hostilities in September 1939 was destined to have far-reaching effects upon the activities of vocational schools and the character of the future student body. In the first Great War there was no demand for the mechanized equipment inseparable from the present conflict, and the conduct of the schools was little disturbed except by voluntary enlistments from the staff. At the present time there is every indication that the technical schools will be required to play an important part in the prosecution of the war.

The school year closed at a time when the need for skilled and semi-skilled labour was beginning to cause embarrassment to many firms which had received contracts for war munitions and supplies. Unable to recruit personnel with sufficient skill to meet the urgent demand of industry, the Dominion Government made representations to the various provincial departments of Labour, and the Ontario Department of Labour, in turn, appealed for assistance to the Minister of Education. The Minister responded, with the full co-operation of local school boards, by throwing all the facilities of the technical schools wide open to provide the special training required.

Although the scheme to give men and women special training to fit them for war work was not brought into actual operation until the close of the school year, and did not materially affect the school programme until the period covered by my next report, the valuable work accomplished by the schools during the vacation period justifies a brief description in this year's review.

It is on record that during the holiday months of July and August 1940, when the valuable shop accommodation and equipment of the vocational schools would ordinarily remain unused, thousands of men and some hundreds of women were given an intensive course of training to fit them for jobs in the factories and work shops. The course for men included instruction in bench metal practice and fitting, sheet metal work, general machine shop practice, machine operating, acetylene and electric welding, and the ancillary blueprint reading and mathematics. The women (mostly sponsored) received specialized instruction in light machine work and welding as required by their sponsors. Approximately 90% of the trainees were absorbed by industry on completion of the courses.

So successful was the training project that, at the expiration of the summer classes, the Federal Government requested that the effort be continued throughout the winter months, and, with the consent of the Minister of Education, these special war classes became an accepted part of the technical school programme, superimposed upon the routine of the regular day and evening curriculum. In some cases schools were operated during the entire twenty-four hours of each day and the pressure on the shops staff almost reached the breaking point. The physical strain was so great that it became necessary to appoint additional instructors, without professional training, to meet the situation. Tribute should be paid to the shop directors and teachers for their encouraging support and also to the school boards which so loyally co-operated in making the plan a success.

My next report will deal more extensively with the progress of the work as the scheme developed, and the administrative changes which became necessary as new problems evolved.

Regular Vocational Day and Evening Classes

With war time requirements in view, the subjects and time tables of the full time day school courses, which had previously been revised to bring Grade IX work in vocational schools in line with the course applicable to all types of secondary schools, were slightly modified to permit of the inclusion of as much shop work as possible. In Grades X, XI and XII, the number of options allowed in four distinct courses, (a) industrial shop work and agriculture, (b) home economics, (c) commercial, and (d) art, permitted a wide diversification of instruction to meet individual needs and aptitudes. In schools where matriculation courses are offered to prepare students for admission to university faculties of engineering, commerce or household science, the Grade XIII course for high schools is followed, the only variation being that, in accordance with arrangements made with the universities, the shop work, draughting and special arithmetic of the technical schools, and the practical subjects of the commercial and home economics courses are substituted for the Latin option.

In the composite schools where academic and vocational courses are offered in the same building, considerable advantage accrues to the pupils of Grade IX by reason of the fact that all receive their practical instruction from the skilled trade teachers of the vocational staff who are "journeyman" mechanics in their own right. This instruction, taken in conjunction with the general shop work and home economics courses provided in high schools and continuation schools, constitutes the most effective type of vocational guidance yet devised. Principals should recognize and seize the exceptional opportunity afforded by these new courses to observe and record the aptitudes of the pupils with a view to directing the boys and girls into the proper channels for higher education or in preparation for future employment as mechanics, homemakers, or on the farms.

The general shop and home economics courses, as distinct from the vocational courses, are dealt with more fully in a later paragraph.

New Buildings

Ottawa—The new technical school is now functioning smoothly under the able supervision of Principal Wallen. Already there is considerable discussion of utilizing the shops for war work.

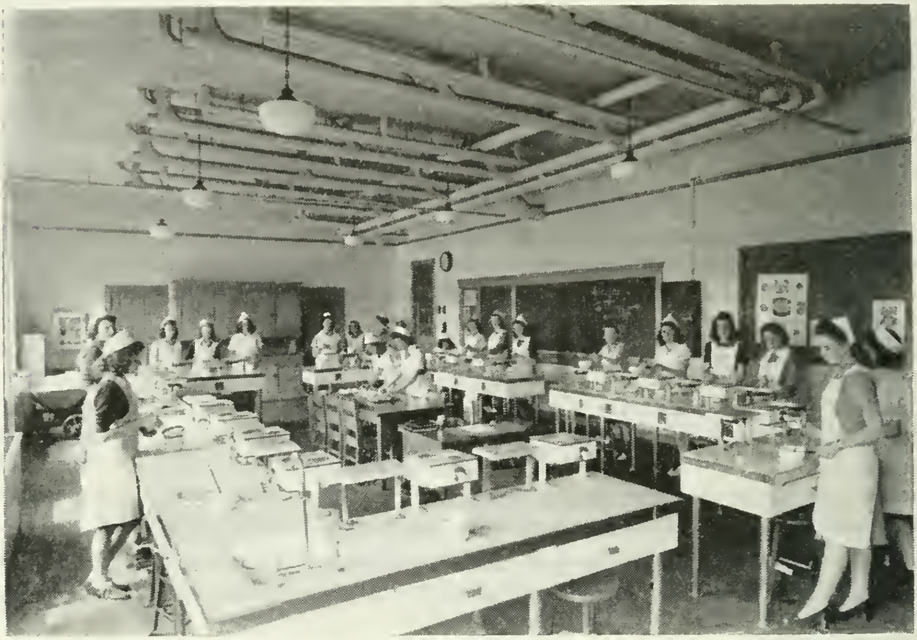
Toronto—The additional accommodation and alterations in the Danforth Technical School, which were completed last summer, have largely relieved the congestion in this school. The Department's share of the cost was paid in cash.

Simcoe—The vocational addition to the Simcoe High School was completed in time for the opening of the school in September 1939. It provided a new metal working shop, wood shop and finishing room, as well as a sewing room and home economics room with adjoining store room, and two agricultural laboratories with greenhouse and storage facilities. The accommodation previously provided in the old building for agriculture and home economics now supplies additional classrooms for the use of the overcrowded academic departments.

Kirkland Lake—This school has been obliged to extend its accommodation during the year to provide additional classrooms, a library, and science and art rooms. Even with this additional space, it is believed that the growth of the school will necessitate further extension in the near future, probably for additional shops.

Evening Classes

The work of the evening classes has been somewhat curtailed through the discontinuance in some schools of what may be termed "hobby classes". However, the registration of adults in these classes, as shown in the comparative statement accompanying this report, indicates widespread interest on the part of employed adults. The main object of these courses, which is to assist manual workers to increase their skill and earning power, is constantly kept in mind. Close inspection guarantees quality and practicality in the character of instruction and justifies the substantial grants-in-aid provided by the regulations.



A Home Economics Classroom

Shop Work

General Shop and Home Economics Courses in Secondary Schools

A review of these special courses which were introduced for the first time in 1937-38 indicates increasing enthusiasm on the part of school boards for this practical outlet for the students in districts where there are no vocational schools. During the past year, 116 secondary schools and fifth classes participated in the generous grants provided towards accommodation, equipment and maintenance.

The problem of securing a sufficient number of suitable teachers as shop instructors is gradually being eliminated through the provision of summer courses to qualify for the elementary types of certificate and the one-year course made available at the Ontario Training College for Technical Teachers in Hamilton for the intermediate certificate which is required by full-time instructors. Regulations and sylabuses of instruction have been issued with the object of facilitating the means by which academic teachers may adapt themselves to the new requirements. Provision along similar lines has been made to insure a supply of home economics teachers, both through summer courses and a one-year course at the Ontario College of Education. The main objectives of the courses were outlined in my report of last year.

Home Economics and Manual Training in Public and Separate Schools

The Vocational Branch of the Department is responsible, not only for the supervision and inspection of general shop work and home economics in the secondary schools, but also for what is termed manual training and home economics in the public and separate schools. These two subjects are optional.

Separate regulations govern the teaching of these subjects in Grades VII and VIII, and urban school boards which are unable to comply with the general regulations are permitted to establish centres under the special provisions applicable to rural schools. On the other hand, certain large rural areas have been designated as urban centres and required to comply with urban standards. Departmental inspectors are responsible for the establishment, organization and inspection of the urban centres, while the local school inspectors control the work of the rural schools. During 1939-40, 160 manual training centres and 168 home economics centres were operated under the urban scheme and grants totalling approximately $97,000 were paid. The inspectors are seeking to improve the instructional value of the projects which in some cases are too elementary. Under the rural scheme, 409 schools participated, earning grants approximating $56,000. Fifteen thousand dollars of this grant was a contribution of 50% towards the cost of approved equipment. This represents an expenditure by school boards of $30,000 to provide the necessary tools, benches and cupboards, and shows a keen interest on the part of those responsible for the rural primary schools in the potentialities of manual work as a preparation for the mental development of the children.

Comparative statistics for vocational schools and departments are as follows:

	1922-23	1938-39	1939-40
Number of Schools—Day	16	62	62
” ” ” —Evening	51	52	48
Number of Pupils—Day	9,402	38,157	36,502
” ” ” —Evening	35,511	36,481	34,983
Number of Teachers—Day	337	1,605	1,632
” ” ” —Evening	1,097	1,096	1,081
Government Grants	$638,217	$1,189,627	$1,289,444
Municipal Expenditure (Net)	$1,233,397	$4,590,613	$4,595,902

The adaptability of the vocational schools in time of crisis has been well demonstrated in recent months during which our nation has been transformed into a gigantic war machine. The demand of industry for semi-skilled workers has greatly impressed those responsible for vocational training and caused them to facilitate the extension of this training to all persons willing to serve in the production of the necessary materials to insure victory.

F. S. Rutherford,
Director of Vocational Education.

Toronto, August 22nd, 1941.

APPENDIX C

REPORT OF THE DIRECTOR OF PROFESSIONAL TRAINING

Normal School Attendance

Normal School	Number of Students						
	1938-39	1939-40			1940-41		
	Total	Men	Women	Total	Men	Women	Total
Hamilton	97	27	90	117	15	108	123
London	123	27	135	162	22	106	128
North Bay	74	14	88	102	12	72	84
Ottawa	120	35	98	133	7	97	104
University of Ottawa (1st)	26	13	23	36	10	13	23
University of Ottawa (2nd)	150	32	117	149	29	144	173
Peterborough	64	20	74	94	17	64	81
Stratford	107	27	81	108	27	76	103
Toronto (1st)	229	97	242	339	50	241	291
Toronto Primary School Specialist	....	....	7	7	....	21	21
Totals	990	292	955	1,247	189	942	1,131

The decrease in attendance of 116 under that of last year may be ascribed entirely to exigencies arising out of the war, 103 fewer males having enrolled in 1940-41 than in 1939-40. Late in August when it became obvious that the number of applicants would fall short of the need for teachers in the Province the Minister made provision to consider for admission candidates who held 8 of the required 9 Upper School papers. One hundred and four entrants were admitted under this provision.

Exchanges

Continuing the practice initiated the previous year Mr. H. G. Lockett of the Hamilton Normal School was on exchange with Mr. C. B. Routley, Inspector for Wentworth, and Mr. R. A. Johnston of the Toronto Normal School with Mr. C. F. Cannon, York (6). During the illness of Dr. G. W. Hofferd of the London Normal School Mr. Gordon Young, Inspector Middlesex West, took charge of the Science department of the London Normal School from January to June. On his recovery during the latter part of this period Dr. Hofferd took over the inspectoral duties of Mr. Young. The practice of exchanging Inspectors and Normal School Masters is working out to the advantage of both groups. The Normal School Masters are enabled to gain intimate first-hand acquaintanceship with the duties and responsibilities for which Normal School graduates are being prepared. The Inspectors on the other hand are made aware of the need for continuing teacher training in the field and of the methods whereby this may be best accomplished.

Permanent Certificates

In order that teachers might more fully participate in war efforts and in conformity with the principle of war-time economy the Department of Education discontinued summer school and winter school special educational courses.

Circular 72, having to do with the granting of permanent certificates, was modified accordingly. During the period of the war teachers proceeding to permanent First Class certificates are being permitted to write on three Normal School papers in place of taking the Summer School Course in Education and to substitute four, six, eight or ten years of successful teaching experience in place of one, two, three or four university or special educational courses respectively.

Publications

Everyday Science for Grade VII, J. M. Dent & Sons, by J. A. Partridge of the Hamilton Normal School, is a copiously illustrated volume which effectively presents the modern method of teaching Science through co-operative group activity, investigation and experimentation.

The Art Class in Action, Longmans Green & Co., by Joicey M. Horne of the Toronto Normal School deals with Art from the viewpoint of the new Course of Study. The uses to which lino cuts, soap sculpture, marionettes and other media may be put in project work as well as in Art classes are set forth clearly and abundantly illustrated.

Dr. Bowers of the Ottawa Normal School, Mr. Rivers of the North Bay Normal School and Professor Daniher of the College of Education produced a number of the very excellent pamphlets used by the Canadian Legion War Services in their educational work among the troops.

Changes in Staffs

In addition to those recorded above the following changes occurred in the staffs of the several Normal Schools.

Miss Doris Rider, part-time instructor of Physical Training in the London Normal School resigned in August and Miss Winnifred R. Prendergast, Secretary of the School was appointed temporarily to take over her duties.

Miss J. M. Moore, part-time instructor of Music in the Hamilton Normal School, was appointed to succeed Mr. Charles E. Wheeler, part-time instructor of Music in the London Normal School who resigned in September.

The services of Mr. F. S. Rivers of the North Bay Normal School staff were loaned to the Committee on Education, Canadian Legion War Services, for the purpose of preparing correspondence courses to be used in providing educational facilities for men in the forces.

Mrs. Pearl Black of the North Bay Collegiate staff was appointed part-time instructor of Physical Training in the North Bay Normal School.

Dr. O. E. Ault, Master on the staff of the Ottawa Normal School, was granted leave of absence for the duration of the war to serve as Senior Technical Advisor to the Director of Technical Instruction, Army Trades School, Department of National Defence. In November J. D. Deyell, Inspector, Hastings North, was appointed to fill the vacancy thus created.

Miss M. R. Elliott of the Ottawa Model School staff, after thirty-four years of faithful efficient service was superannuated in August.

Mr. R. F. Fleming, instructor of Art in the Ottawa Normal-Model School since 1907, was superannuated in August. Miss Bertha Watt of the Ottawa Public School staff was appointed to succeed him as part-time instructor of Art in the Normal School.

Miss E. Mitchell of the Ottawa Model School staff, was transferred in September to the staff of the Toronto Model School.

Miss Patricia Stafford of the Ottawa Model School staff was transferred in September to the staff of the Ontario School for the Deaf, Belleville.

Mr. Q. S. McKinney, instructor of Music in the Ottawa Normal-Model School was appointed to succeed Miss M. R. Rannie, instructor in Music and Physical Training in the Peterborough Normal School who resigned in August after thirty years of effective service.

Miss F. L. Barrigar, instructor of Physical Training in the Ottawa Normal-Model School, was appointed instructor in Music and Physical Training in September.

Mr. Henri Lemieux, Master on the staff of the University of Ottawa Normal School, was appointed High School Inspector in January. Mr. J. E. A. Godbout of the staff of the Kirkland Lake Vocational School was appointed to succeed him.

Miss Dorothea Graham resigned in September from the staff of the Toronto Model School to take a position of Kindergarten Directress on the Ottawa Public School staff.

Mr. Adrian Macdonald of the Toronto Normal School staff was appointed in September to succeed the late Mr. F. Coombs as professor of Education on the staff of the Ontario College of Education.

Mr. Cecil McMullen of the staff of the Toronto Model School was granted leave of absence in March to join the R.C.A.F.

H. E. Amoss,
Director of Professional Training.

Toronto, March 31st, 1941.

APPENDIX D

REPORT OF THE DIRECTOR OF FRENCH INSTRUCTION ON THE SCHOOLS ATTENDED BY FRENCH-SPEAKING PUPILS, 1940

Inspectoral Changes

Due to a considerable increase in the French-speaking school population of the Sudbury area, a new inspectoral division, known as R.C. Separate Division III and District Division VII, Part III, was established at midsummer 1940. Dr. Louis Charbonneau, M.A., B.Paed., Ph.D., master at the University of Ottawa Normal School, accepted temporary appointment to this inspectorate.

The opening of this new inspectoral division permitted a redistribution of the schools attended by French-speaking pupils into more compact areas of approximately 125 classrooms for each of the twelve French-speaking elementary school inspectors.

Training of Teachers—Improvement in Qualifications

In 1939-40, there were 182 teachers-in-training at the University of Ottawa Normal School, 32 of whom were enrolled in the First Class course, and 150 in the Second Class course. As a result of the term and final examinations, 26 students were awarded First Class teachers' certificates, and 118 obtained Second Class certificates.

The following table shows the number and percentage of Ontario French-speaking elementary school teachers holding First or Second Class certificates in November, 1940, and the progress made in this regard since 1929:—

	1929	1937	1938	1939	1940
Total number of French-speaking teachers in Elementary Schools	1,087	1,281	1,316	1,390	1,416
Number of above teachers holding I or II Class certificates	273	1,018	1,135	1,271	1,311
Percentage of French-speaking teachers holding I or II Class certificates	25.11	79.46	86.24	91.43	92.58

Age-Grade Distribution of Pupils in Elementary Schools

The following tables present a compilation of the French-speaking School Inspectors' Annual Age-Grade Summary Reports for May, 1940:—

TABLE No. 1

AGE-GRADE DISTRIBUTION IN ELEMENTARY SCHOOLS ATTENDED BY FRENCH-SPEAKING PUPILS, MAY 1940

(A) Separate and Public Schools

(i) Rural and Urban

Grade	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals Per cent.
I	4	159	2,655	3,459	1,444	463	191	87	48	16	6	4	3	......	......	......	8,539	17.12
II	......	......	94	1,720	2,755	1,464	585	249	118	53	16	3	......	......	......	......	7,057	14.15
III	......	......	1	191	1,437	2,410	1,432	735	375	158	45	17	2	......	......	......	6,803	13.64
IV	......	......	......	2	180	1,316	2,100	1,453	822	436	188	40	4	......	......	......	6,541	13.11
V	......	......	......	......	6	185	1,140	1,856	1,428	865	432	115	16	......	......	......	6,043	12.12
VI	......	......	......	......	......	14	237	993	1,503	1,196	738	288	62	3	2	......	5,036	10.09
VII	......	......	......	......	......	......	42	289	1,017	1,287	998	502	129	20	......	......	4,284	8.58
VIII	......	......	......	......	......	......	......	38	338	903	1,179	815	368	72	28	......	3,741	7.50
IX	......	......	......	......	......	......	......	1	18	120	268	305	162	68	6	......	948	1.90
X	......	......	......	......	......	......	......	......	......	11	92	230	177	97	28	11	646	1.29
Auxiliary Classes	......	......	......	......	......	1	9	7	17	44	83	64	20	6	......	......	251	.50
Grand Totals	4	159	2,750	5,372	5,822	5,853	5,736	5,708	5,684	5,089	4,045	2,383	943	266	64	11	49,889	......

Note:—Heavy lines denote ideal age spread for each grade.

(ii) RURAL

Grade	Sex	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
I............	Boys	......	59	536	822	428	176	73	40	25	9	4	3	......	......	......	......	2,175	
	Girls	4	61	571	674	273	103	38	16	9	4	1	......	2	......	......	......	1,756	3,931
II............	Boys	......	......	20	288	561	392	171	86	49	28	9	1	......	......	......	......	1,605	
	Girls	......	......	46	336	541	276	96	32	20	9	2	2	......	......	......	......	1,360	2,965
III............	Boys	......	......	......	19	234	497	370	229	99	52	11	6	2	......	......	......	1,519	
	Girls	......	......	......	32	287	475	267	115	58	21	4	2	......	......	......	......	1,261	2,780
IV............	Boys	......	......	......	......	27	193	408	348	229	131	61	10	......	......	......	......	1,407	
	Girls	......	......	......	2	52	279	376	302	129	74	27	3	2	......	......	......	1,246	2,653
V............	Boys	......	......	......	......	1	31	170	356	337	219	104	24	5	......	......	......	1,247	
	Girls	......	......	......	......	2	53	281	384	256	147	46	10	1	......	......	......	1,180	2,427
VI............	Boys	......	......	......	......	......	4	28	149	259	251	136	51	9	......	......	......	887	
	Girls	......	......	......	......	......	6	74	235	324	229	95	29	1	......	1	......	994	1,881
VII............	Boys	......	......	......	......	......	......	6	43	153	235	204	102	18	3	......	......	764	
	Girls	......	......	......	......	......	......	8	75	219	277	176	70	7	2	......	......	834	1,598
VIII............	Boys	......	......	......	......	......	......	......	2	45	131	189	143	77	12	1	......	600	
	Girls	......	......	......	......	......	......	......	11	78	208	247	130	38	10	......	......	722	1,322
IX............	Boys	......	......	......	......	......	......	......	......	1	3	20	22	16	7	......	......	69	
	Girls	......	......	......	......	......	......	......	1	3	17	55	45	29	9	1	......	160	229
X............	Boys	......	......	......	......	......	......	......	......	......	......	7	19	13	5	1	......	45	
	Girls	......	......	......	......	......	......	......	......	......	3	20	40	25	15	3	1	107	152
TOTALS BY SEXES........	Boys	......	59	556	1,129	1,251	1,293	1,226	1,253	1,197	1,059	745	381	140	27	2	......	10,318	
	Girls	4	61	617	1,044	1,155	1,192	1,140	1,171	1,096	989	673	331	105	36	5	1	9,620	
GRAND TOTALS..	......	4	120	1,173	2,173	2,406	2,485	2,366	2,424	2,293	2,048	1,418	712	245	63	7	1	....	19,938

NOTE:—Heavy lines denote ideal age spread for each grade.

(iii) Urban

Grade	Sex	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
I..............	Boys	......	19	746	1,031	371	125	51	16	9	2	......	......	1	......	......	......	2,371	
	Girls	......	20	802	932	372	59	29	15	5	1	1	1	......	......	......	......	2,237	4,608
II..............	Boys	......	......	6	503	850	473	219	94	34	13	5	......	......	......	......	......	2,197	
	Girls	......	......	22	593	803	323	99	37	15	3	......	......	......	......	......	......	1,895	4,092
III..............	Boys	......	......	1	87	406	702	444	231	151	62	22	7	......	......	......	......	2,113	
	Girls	......	......	......	53	510	736	351	160	67	23	8	2	......	......	......	......	1,910	4,023
IV..............	Boys	......	......	......	......	42	363	657	430	290	151	67	22	2	......	......	......	2,024	
	Girls	......	......	......	......	59	481	659	373	174	80	33	5	......	......	......	......	1,864	3,888
V..............	Boys	......	......	......	......	1	37	287	510	416	291	197	52	10	......	......	......	1,801	
	Girls	......	......	......	......	2	64	402	606	419	208	85	29	......	......	......	......	1,815	3,616
VI..............	Boys	......	......	......	......	......	......	51	266	450	366	300	143	37	3	1	......	1,617	
	Girls	......	......	......	......	......	4	84	343	470	350	207	65	15	......	......	......	1,338	3,155
VII..............	Boys	......	......	......	......	......	......	7	64	250	347	324	198	66	13	......	......	1,269	
	Girls	......	......	......	......	......	......	21	107	395	428	294	132	38	2	......	......	1,417	2,686
VIII..............	Boys	......	......	......	......	......	......	......	6	78	229	346	277	148	36	7	......	1,127	
	Girls	......	......	......	......	......	......	......	19	137	335	397	265	105	14	20	......	1,292	2,419
IX..............	Boys	......	......	......	......	......	......	......	......	4	41	72	100	57	36	5	......	315	
	Girls	......	......	......	......	......	......	......	......	10	59	121	138	60	16	......	......	404	719
X..............	Boys	......	......	......	......	......	......	......	......	......	4	37	51	62	29	16	5	204	
	Girls	......	......	......	......	......	......	......	......	......	4	28	120	77	48	8	5	290	494
Auxiliary Classes	Boys	......	......	......	......	......	1	8	6	15	30	50	40	12	4	......	......	166	
	Girls	......	......	......	......	......	......	1	1	2	14	33	24	8	2	......	......	85	251
Totals by Sexes	Boys	......	19	753	1,621	1,670	1,701	1,724	1,623	1,697	1,536	1,420	890	395	121	29	5	15,204	....
	Girls	......	20	824	1,578	1,746	1,667	1,646	1,661	1,694	1,505	1,207	781	303	82	28	5	14,747	....
Grand Totals..	......	......	39	1,577	3,199	3,416	3,368	3,370	3,284	3,391	3,041	2,627	1,671	698	203	57	10	....	29,951

Note:—Heavy lines denote ideal age spread for each grade.

(B) Separate Schools

(i) RURAL AND URBAN

Grade	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals Per cent.
I	4	131	2442	3,207	1,287	403	164	76	41	13	4	3	3	.....	.....	.....	7,778	16.88
II	.....	.....	78	1,589	2,557	1,361	535	219	98	46	16	3	.....	.....	.....	.....	6,502	14.11
III	.....	.....	1	178	1,336	2,242	1,332	654	345	139	43	15	2	.....	.....	.....	6,287	13.64
IV	.....	.....	.....	1	160	1,225	1,951	1,329	755	389	163	38	4	.....	.....	.....	6,015	13.04
V	.....	.....	.....	.....	4	171	1,058	1,717	1,309	796	397	100	12	.....	.....	.....	5,564	12.07
VI	.....	.....	.....	.....	.....	9	218	919	1,379	1,107	682	272	57	3	2	.....	4,648	10.08
VII	.....	.....	.....	.....	.....	.....	38	273	963	1,209	923	464	126	18	.....	.....	4,014	8.70
VIII	.....	.....	.....	.....	.....	.....	.....	31	303	836	1,096	768	345	71	28	.....	3,478	7.55
IX	.....	.....	.....	.....	.....	.....	.....	1	18	119	266	302	161	65	6	.....	938	2.04
X	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	90	229	175	96	28	11	640	1.39
Auxiliary Classes	.....	.....	.....	.....	.....	1	9	6	14	40	76	61	19	6	.....	.....	232	.50
GRAND TOTALS	4	131	2,521	4,975	5,344	5,412	5,305	5,225	5,225	4,705	3,756	2,255	904	259	64	11	46,096	......

NOTE:—Heavy lines denote ideal age spread for each grade.

(ii) RURAL

Grade	Sex	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
I.	Boys	......	48	461	707	344	146	58	35	19	7	2	2	....	......	......	......	1,829	3,323
	Girls	4	46	508	598	212	76	26	10	8	3	1	......	2	......	......	......	1,494	
II.	Boys	......	......	17	257	485	349	148	68	32	21	9	1	......	......	......	......	1,387	2,557
	Girls	......	......	38	293	470	235	80	24	17	9	2	2	......	......	......	......	1,170	
III.	Boys	......	......	......	15	206	435	321	188	83	41	11	4	2	......	......	......	1,306	2,419
	Girls	......	......	......	25	254	428	237	94	52	18	3	2	......	......	......	......	1,113	
IV.	Boys	......	......	......	......	20	168	344	306	198	105	44	9	......	......	......	......	1,194	2,262
	Girls	......	......	......	1	42	246	324	256	109	61	24	3	2	......	......	......	1,068	
V.	Boys	......	......	......	......	......	26	149	301	291	190	87	17	5	......	......	......	1,066	2,087
	Girls	......	......	......	......	1	47	241	338	219	128	38	9	......	......	......	......	1,021	
VI.	Boys	......	......	......	......	......	2	24	133	221	219	115	44	7	......	......	......	765	1,616
	Girls	......	......	......	......	......	4	66	201	276	193	81	28	1	......	1	......	851	
VII.	Boys	......	......	......	......	......	......	5	39	135	213	177	86	17	2	......	......	674	1,412
	Girls	......	......	......	......	......	......	8	69	197	242	154	62	5	1	......	......	738	
VIII.	Boys	......	......	......	......	......	......	......	1	39	114	172	131	67	12	1	......	537	1,153
	Girls	......	......	......	......	......	......	......	7	60	184	209	110	36	10	......	......	616	
IX.	Boys	......	......	......	......	......	......	......	......	1	3	20	22	16	6	......	......	68	225
	Girls	......	......	......	......	......	......	......	1	3	17	54	44	29		1	......	157	
X.	Boys	......	......	......	......	......	......	......	......	......	......	7	19	11	5	1	......	43	149
	Girls	......	......	......	......	......	......	......	......	......	3	19	40	25	15	3	1	106	
TOTALS BY SEXES.	Boys	......	48	478	979	1,055	1,126	1,049	1,071	1,019	913	644	335	125	25	2	......	8,869	17,203
	Girls	4	46	546	917	979	1,036	982	1,000	941	858	585	300	100	34	5	1	8,334	
GRAND TOTALS.	......	4	94	1,024	1,896	2,034	2,162	2,031	2,071	1,960	1,771	1,229	635	225	59	7	1	17,203	....

NOTE:—Heavy lines denote ideal age spread for each grade.

(iii) URBAN

Grade	Sex	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
I	Boys	......	18	706	1,000	366	123	51	16	9	2	......	......	1	......	......	......	2,292	4,455
	Girls	......	19	767	902	365	58	29	15	5	1	1	1	......	......	......	......	2,163	
II	Boys	......	......	4	478	820	462	212	90	34	13	5	......	......	......	......	......	2,118	3,945
	Girls	......	......	19	561	782	315	95	37	15	3	......	......	......	......	......	......	1,827	
III	Boys	......	......	1	86	389	670	433	221	145	59	22	7	......	......	......	......	2,033	3,868
	Girls	......	......	......	52	487	709	341	151	65	21	7	2	......	......	......	......	1,835	
IV	Boys	......	......	......	......	41	345	641	411	278	145	64	21	2	......	......	......	1,948	3,753
	Girls	......	......	......	......	57	466	642	356	170	78	31	5	......	......	......	......	1,805	
V	Boys	......	......	......	......	1	36	281	494	397	277	190	48	7	......	......	......	1,731	3,477
	Girls	......	......	......	......	2	62	387	584	402	201	82	26	......	......	......	......	1,746	
VI	Boys	......	......	......	......	......	......	50	259	436	352	286	138	35	3	1	......	1,560	3,032
	Girls	......	......	......	......	......	3	78	326	446	343	200	62	14	......	......	......	1,472	
VII	Boys	......	......	......	......	......	......	7	61	245	340	314	193	66	13	......	......	1,239	2,602
	Girls	......	......	......	......	......	......	18	104	386	414	278	123	38	2	......	......	1,363	
VIII	Boys	......	......	......	......	......	......	......	6	71	221	333	269	140	35	7	......	1,082	2,325
	Girls	......	......	......	......	......	......	......	17	133	317	382	258	102	14	20	......	1,243	
IX	Boys	......	......	......	......	......	......	......	......	4	41	72	99	57	36	5	......	314	713
	Girls	......	......	......	......	......	......	......	......	10	58	120	137	59	15	......	......	399	
X	Boys	......	......	......	......	......	......	......	......	......	4	37	51	62	29	16	5	204	491
	Girls	......	......	......	......	......	......	......	......	......	4	27	119	77	47	8	5	287	
JR. AUXILIARY CLASSES	Boys	......	......	......	......	......	1	8	5	12	26	43	37	11	4	......	......	147	232
	Girls	......	......	......	......	......	......	1	1	2	14	33	24	8	2	......	......	85	
TOTALS BY SEXES	Boys	......	18	711	1,564	1,617	1,637	1,683	1,563	1,631	1,480	1,366	863	381	120	29	5	14,668	28,893
	Girls	......	19	786	1,515	1,693	1,613	1,591	1,591	1,634	1,454	1,161	757	298	80	28	5	14,225	
GRAND TOTALS	...	......	37	1,497	3,079	3,310	3,250	3,274	3,154	3,265	2,934	2,527	1,620	679	200	57	10	28,893	......

NOTE:—Heavy lines denote ideal age spread for each grade.

(C) **Public Schools**

(i) RURAL AND URBAN

Grade	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals Per cent.
I	28	213	252	157	60	27	11	7	3	2	1	.....	.....	.....	.....	761	20.07
II	.....	16	131	198	103	50	30	20	7	.....	.....	.....	.....	.....	.....	555	14.63
III	.....	.....	13	101	168	100	81	30	19	2	2	.....	.....	.....	.....	516	13.61
IV	.....	.....	1	20	91	149	124	67	47	25	2	.....	.....	.....	.....	526	13.87
V	.....	.....	.....	2	14	82	139	119	69	35	15	4	.....	.....	.....	479	12.63
VI	.....	.....	.....	.....	5	19	74	124	89	56	16	5	.....	.....	.....	388	10.23
VII	.....	.....	.....	.....	.....	4	16	54	78	75	38	3	2	.....	.....	270	7.12
VIII	.....	.....	.....	.....	.....	.....	7	35	67	83	47	23	1	.....	.....	263	6.93
IX	.....	.....	.....	.....	.....	.....	.....	.....	1	2	3	1	3	.....	.....	10	.26
X	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	2	1	.....	.....	6	.15
AUXILIARY CLASSES	.....	.....	.....	.....	.....	.....	1	3	4	7	3	1	.....	.....	.....	19	.50
GRAND TOTALS	28	229	397	478	441	431	483	459	384	289	128	39	7	.....	.....	3,793	.....

NOTE:—Heavy lines denote ideal age spread for each grade.

(ii) RURAL

Grade	Sex	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
I	Boys	11	75	115	84	30	15	5	6	2	2	1					346	608
	Girls	15	63	76	61	27	12	6	1	1							262	
II	Boys		3	31	76	43	23	18	17	7							218	408
	Girls		8	43	71	41	16	8	3								190	
III	Boys			4	28	62	49	41	16	11		2					213	361
	Girls			7	33	47	30	21	6	3	1						148	
IV	Boys				7	25	64	42	31	26	17	1					213	391
	Girls			1	10	33	52	46	20	13	3						178	
V	Boys				1	5	21	55	46	29	17	7					181	340
	Girls				1	6	40	46	37	19	8	1	1				159	
VI	Boys					2	4	16	38	32	21	7	2				122	265
	Girls					2	8	34	48	36	14	1					143	
VII	Boys						1	4	18	22	27	16	1	1			90	186
	Girls							6	22	35	22	8	2	1			96	
VIII	Boys							1	6	17	17	12	10				63	169
	Girls							4	18	24	38	20	2				106	
IX	Boys													1			1	4
	Girls										1	1		1			3	
X	Boys												2				2	3
	Girls										1						1	
TOTALS BY SEXES	Boys	11	78	150	196	167	177	182	178	146	101	46	15	2			1,449	2,735
	Girls	15	71	127	176	156	158	171	155	131	88	31	5	2			1,286	
GRAND TOTALS		26	149	277	372	323	335	353	333	277	189	77	20	4			2,735	

NOTE:—Heavy lines denote ideal age spread for each grade.

(iii) URBAN

Grade	Sex	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades
I.	Boys	1	40	31	5	2	......	......	......	......	......	......	......	......	......	......	79	153
	Girls	1	35	30	7	1	......	......	......	......	......	......	......	......	......	......	74	
II.	Boys	......	2	25	30	11	7	4	......	......	......	......	......	......	......	......	79	147
	Girls	......	3	32	21	8	4	......	......	......	......	......	......	......	......	......	68	
III.	Boys	......	......	1	17	32	11	10	6	3	......	......	......	......	......	......	80	155
	Girls	......	......	1	23	27	10	9	2	2	1	......	......	......	......	......	75	
IV.	Boys	......	......	......	1	18	16	19	12	6	3	1	......	......	......	......	76	135
	Girls	......	......	......	2	15	17	17	4	2	2	......	......	......	......	......	59	
V.	Boys	......			......	1	6	16	19	14	7	4	3	......	......	......	70	139
	Girls				......	2	15	22	17	7	3	3	......	......	......	......	69	
VI.	Boys	......	......	......	......	......	1	7	14	14	14	5	2	......	......	......	57	123
	Girls	......	......	......	......	1	6	17	24	7	7	3	1	......	......	......	66	
VII.	Boys	......	......	......	......	......	......	3	5	7	10	5	......	......	......	......	30	84
	Girls	......	......	......	......	......	3	3	9	14	16	9	......	......	......	......	54	
VIII.	Boys	......	......	......	......	......	......	......	7	8	13	8	8	1	......	......	45	94
	Girls	......	......	......	......	......	......	2	4	18	15	7	3	......	......	......	49	
IX.	Boys	......	......	......	......	......	......	......	......	......	......	1	......	......	......	......	1	6
	Girls	......	......	......	......	......	......	......	......	1	1	1	1	1	......	......	5	
X.	Boys	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	3
	Girls	......	......	......	......	......	......	......	......	......	1	1	......	1	......	......	3	
Auxiliary Classes.	Boys	......	......	......	......	......	......	1	3	4	7	3	1	......	......	......	19	19
	Girls	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	
TOTALS BY SEXES.	Boys	1	42	57	53	64	41	60	66	56	54	27	14	1	......	......	536	
	Girls	1	38	63	53	54	55	70	60	51	46	24	5	2	......	......	522	
GRAND TOTALS.	......	2	80	120	106	118	96	130	126	107	100	51	19	3	......	......	1,058	

NOTE:—Heavy lines denote ideal age spread for each grade.

The following comparative table, for the years 1938, 1939, and 1940, shows the marked progress which has been achieved in the grade-enrolment distribution in all Ontario elementary schools attended by French-speaking pupils:—

Separate and Public Schools

Grade	1938		1939		1940	
	Number	Per cent	Number	Per cent	Number	Per cent
I	11,216	23.66	8,955	18.16	8,539	17.12
II	6,992	14.75	7,148	14.49	7,057	14.15
III	4,974	10.49	6,631	13.45	6,803	13.64
IV	5,548	11.71	6,364	12.90	6,541	13.11
V	5,828	12.30	5,883	11.93	6,043	12.12
VI	4,775	10.07	5,136	10.41	5,036	10.09
VII	3,764	7.95	4,018	8.15	4,284	8.58
VIII	2,913	6.15	3,436	6.97	3,741	7.50
IX	727	1.52	893	1.81	948	1.90
X	443	.93	587	1.19	646	1.29
Auxiliary Classes	217	.46	268	.54	251	.50
Totals	47,397	100.00	49,319	100.00	49,889	100.00

It is worth noting in the above table that, while the total French-speaking school population has increased from 47,397 pupils, in 1938, to 49,889 pupils, in 1940, the percentage of the Grade I enrolment has decreased from 23.66, in 1938, to 17.12, in 1940. The main reason for this more normal enrolment in the Grade I classes is the gradual disappearance of repeaters from these classes. The changes brought about in recent years in the programme of studies and in the methods of teaching for Grade I French-speaking classes have helped materially in reducing the burden of work which was doubtless too heavy for a great number of pupils, but there is still room for improvement in that regard. School boards, in urban centres especially, would be well advised to establish kindergarten classes, which eventually would mean both a saving in school costs and a betterment in educational results.

TABLE No. 2

ANALYSIS OF AGE-GRADE DISTRIBUTION IN RELATION TO IDEAL AGE-SPREAD IN ELEMENTARY RURAL AND URBAN SCHOOLS ATTENDED BY FRENCH-SPEAKING PUPILS, MAY 1940

(A) Separate and Public Schools

GRADE	Under Ideal Age Spread		Within Ideal Age Spread		Over Ideal Age Spread	
	Number	Per cent	Number	Per cent	Number	Per cent
I	163	1.91	7,558	88.51	818	9.58
II	94	1.32	5,939	84.16	1,024	14.52
III	192	2.82	5,279	77.60	1,332	19.58
IV	182	2.78	4,869	74.44	1,490	22.78
V	191	3.16	4,424	73.21	1,428	23.63
VI	251	4.98	3,692	73.31	1,093	21.71
VII	331	7.72	3,302	77.08	651	15.20
VIII	376	10.05	2,897	77.44	468	12.51
IX	139	14.66	735	77.53	74	7.81
X	103	15.94	504	78.02	39	6.04
Totals	2,022	4.06	39,199	78.57	8,417	16.87

NOTE:—The 251 pupils enrolled in Auxiliary Classes are not included in the above table.

The percentage of enrolment in the Grade VIII classes has increased from 6.15, in 1938, to 7.50, in 1940. It is confidently expected that in 1943, when the more natural motion imparted a few years ago to the lower classes will have reached Grade VIII classes, the enrolment in the latter should attain approximately 10 per cent of the total school enrolment.

Teachers and inspectors are to be highly commended for the results they have obtained thus far. They should continue, however, to be relentless in their efforts to check the excessive drop in enrolment in the senior grades of the elementary school.

(B) Separate Schools

GRADE	Under Ideal Age Spread		Within Ideal Age Spread		Over Ideal Age Spread	
	Number	Per cent	Number	Per cent	Number	Per cent
I	135	1.74	6,936	89.17	707	9.09
II	78	1.20	5,507	84.70	917	14.10
III	179	2.86	4,910	78.09	1,198	19.05
IV	161	2.78	4,505	74.80	1,349	22.42
V	175	3.15	4,084	73.40	1,305	23.45
VI	227	4.90	3,405	73.25	1,016	21.85
VII	311	7.75	3,095	77.10	608	15.15
VIII	334	9.63	2,700	77.63	444	12.76
IX	138	14.72	729	77.71	71	7.57
X	101	15.78	500	78.13	39	6.09
Totals	1,839	4.00	36,371	79.31	7,654	16.69

NOTE:—The 232 pupils enrolled in Auxiliary Classes are not included in the above table.

(C) Public Schools

GRADE	Under Ideal Age Spread		Within Ideal Age Spread		Over Ideal Age Spread	
	Number	Per cent	Number	Per cent	Number	Per cent
I	28	3.68	622	81.73	111	14.59
II	16	2.89	432	77.83	107	19.28
III	13	2.52	369	71.51	134	25.97
IV	21	3.99	364	69.20	141	26.81
V	16	3.34	340	70.98	123	25.68
VI	24	6.18	287	73.97	77	19.85
VII	20	7.41	207	76.67	43	15.92
VIII	42	15.96	197	74.90	24	9.14
IX	1	10.00	6	60.00	3	30.00
X	2	33.33	4	66.67		
Totals	183	4.84	2,828	74.93	763	20.23

NOTE:—The 19 pupils enrolled in Auxiliary Classes are not included in the above table.

TABLE No. 3

GRADE-ENROLMENT DISTRIBUTION IN ELEMENTARY SCHOOLS ATTENDED BY FRENCH-SPEAKING PUPILS, MAY 1940

(A) Separate and Public Schools

Grades	Rural		Urban		Rural and Urban	
	Number	Per cent	Number	Per cent	Number	Per cent
I-IV	12,329	61.84	16,611	55.46	28,940	58.02
V-VIII	7,228	36.25	11,876	39.65	19,104	38.29
IX-X	381	1.91	1,213	4.05	1,594	3.19
Auxiliary			251	.84	251	.50

(B) Separate Schools

Grades	Rural		Urban		Rural and Urban	
	Number	Per cent	Number	Per cent	Number	Per cent
I–IV	10,561	61.39	16,021	55.45	26,582	57.67
V–VIII	6,268	36.44	11,436	39.58	17,704	38.41
IX–X	374	2.17	1,204	4.17	1,578	3.42
Auxiliary	....	....	232	.80	232	.50

(C) Public Schools

Grades	Rural		Urban		Rural and Urban	
	Number	Per cent	Number	Per cent	Number	Per cent
I–IV	1,768	64.64	590	55.76	2,358	62.17
V–VIII	960	35.10	440	41.59	1,400	36.91
IX–X	7	.26	9	.85	16	.42
Auxiliary	....	....	19	1.80	19	.50

The following comparative table shows the grade-enrolment distribution of French-speaking pupils in separate and public schools for the years 1938, 1939, and 1940.

Separate and Public Schools

Grades	1938		1939		1940	
	Number	Per cent	Number	Per cent	Number	Per cent
I–IV	28,730	60.61	29,098	59.00	28,940	58.02
V–VIII	17,280	36.46	18,473	37.46	19,104	38.29
IX–X	1,170	2.47	1,480	3.00	1,594	3.19
Auxiliary	217	.46	268	.54	251	.50

Secondary School Classes

The following table shows the number of French-speaking students enrolled, in December 1940, in the advanced French courses of Collegiate Institutes, High, Continuation, and Vocational Schools under the supervision of the Department of Education:—

Grade	IX	X	XI	XII	XIII	Total
Number students enrolled	440	310	172	132	48	1,102

This total enrolment of 1,102 French-speaking students compares favourably with the totals reported for 1938 (839) and for 1939 (1,027). There are besides, some 2,500 students who are pursuing their studies in the Grade IX and Grade X classes of the elementary schools, [Table No. 1, (A), (i), of this report], and in private secondary schools. Some of the latter are inspected by the Department of Education for the purpose of accepting, or not accepting, the teachers' recommendations in respect to pupils who are candidates for middle school certificates.

Although the above figures show a slight improvement over the situation as reported in the last few years, it is evident that much remains to be done throughout the province in order to raise the percentage of the French-speaking secondary school enrolment from the present 6 or 7 per cent to at least 18 or 20 per cent of the total French-speaking school enrolment. Of course, as was stated in a previous report, the main cause of this low and rapidly decreasing enrolment from grade to grade in the secondary schools is to be found and eradicated in the elementary school classes. Once the problem is solved in the elementary department of the school—and according to present indications this task will be completed within the next three or four years—there should be automatic improvement in the secondary school enrolment and age-grade distribution of pupils.

The recent appointment of a French-speaking high school inspector will no doubt contribute in a large measure to the desired progress of the secondary school classes attended by French-speaking students.

Provincial Contest

The finals of the third annual provincial contest among the Grade VIII French-speaking pupils were held in Ottawa on March 29th, 1940. Twenty-two contestants—the winning boy and the winning girl from each of the eleven French-speaking inspectorates—took part in this final competition. The four provincial winners, the first two of whom were awarded secondary school scholarships, were as follows:

1st boy: Robert Ethier, 13, R.C.S.S. No. 1, Shackleton, Village of Fauquier;
1st girl: Jeanne d'Arc Lapierre, 13, R.C.S.S. No. 1, Shackleton, Village of Fauquier;
2nd boy: Florent Gauthier, 13, St. Charles School, Timmins;
2nd girl: Yvette Seguin, 14, St. Pierre School, Ottawa.

The fact that the two best candidates came from the same school, a three-roomed village school in Northern Ontario is worthy of note. These pupils as well as their teacher, Miss Hélène Bastien, were offered well-deserved praise.

Inspectoral District Enterprises

In 1939, at their annual convention, the French-speaking school inspectors were asked to undertake during 1940 and every year thereafter, in their respective inspectorates, one special enterprise bearing on some particular phase of elementary education. It was suggested also that these enterprises, which should aim at correcting a general weakness throughout the inspectorate or at fostering a new idea in education, be carried on in a scientific manner by taking note of essential data, such as existing conditions at the outset, means employed, difficulties encountered, and results obtained.

Interesting reports were received from the inspectors at the close of the year. Some of the topics which became objects of special research in French-speaking inspectorates, during 1940, are as follows: how to encourage supplementary reading by the pupils; establishment of teachers' study clubs; how to secure better results in mathematics; means of fostering almost perfect attendance on the part of rural pupils; group meetings of school trustees and secretaries; improving the pedagogical organization of the school; the development by pupils and teachers of a Grade I supplementary reader in social studies; larger units of school administration.

The following excerpts are taken from the report submitted on: "*Larger units of school administration*":—

Early in 1940, a number of experienced teachers undertook a special study of sections 15, 16, 17, and 18 of the revised Statutes of Ontario, 1937, setting forth the provisions for the organization of township public school areas. Section 32 of the Separate Schools Act on the formation of union separate school boards was also included in this study, since the majority of the schools in this inspectorate are separate schools and do not come under township school areas. Both the advantages and the disadvantages of the larger unit of administration were carefully considered and noted.

Then teachers in key positions were asked to tactfully ascertain local public opinion on the new scheme of administration through casual discussions with local leaders such as trustees, influential ratepayers, township councillors, etc., and then to report as to how these people reacted to the proposed change.

An examination of the reports relating to township public school areas reveals that public opinion is generally favourable to the larger unit, and that local conditions in at least one of the municipalities are especially well suited to the formation of two such areas, one for public schools attended by French-speaking pupils and one for public schools attended by English-speaking pupils. There are five boards now in operation in each case, so that each of the original sections would have representation on the township area board. Moreover, none of these sections has any school debentures outstanding.

The members of the municipal council are now being consulted on the advisability of their passing a by-law constituting the larger units.

Reports on the formation of larger separate school units under the provisions of section 32 of the Separate Schools Act, are generally in favour of a parochial area, i.e., have all separate schools within the one parish under one board of separate school trustees. There is general opposition, however, in parishes where there are more than three separate school boards now in operation—and this is the case in the majority of parishes—to a union board of only three trustees as specified in section 32 of the Separate Schools Act. A board of at least five trustees, giving representation to each of the original boards on the union board, is generally favoured.

Association of Ontario French-speaking Teachers and Inspectors

The first meetings of a newly-organized provincial association of teachers and inspectors, known as "L'Association de l'Enseignement français de l'Ontario", were held in Ottawa on March 29th and 30th, 1940. The members elected as their first president Mr. Joseph Béchard, B.A., B.Paed., master at the University of Ottawa Normal School.

This association, which comprises three sections and is composed of French-speaking elementary and secondary school teachers, inspectors and normal school masters of Ontario, resembles closely, on a smaller scale, the Ontario Educational Association, and, in co-operation with the latter, will no doubt promote the best interests of French education in this province.

A New Grade II Reader in French

A new Grade II Reader in French, entitled "Deuxième livre de lecture", was authorized by the Minister of Education and introduced in September, 1940, in schools attended by French-speaking pupils.

This new book, edited jointly by the Department of Education and La Librairie Beauchemin, Ltée., and printed by Le Droit, was very well received by pupils and teachers. Indeed, it filled a need of long standing in Grade II classes. It is hoped that a new Grade III Reader in French, similar to the above, will be available in the near future.

ROBERT GAUTHIER,
Director of French Instruction.

Toronto, June 7th, 1941.

APPENDIX E

REPORT OF THE PRINCIPAL OF THE ONTARIO TRAINING COLLEGE FOR TECHNICAL TEACHERS

Classes and Enrolment, 1939-40

In the school year beginning September, 1939, and ending June, 1940, courses for the following certificates were offered:

Ordinary Vocational Certificate.
Intermediate Manual Training Certificate.

The enrolment in these classes was as follows:

Ordinary Vocational Certificate	15
Intermediate Manual Training Certificate	21

The Saturday classes for the Elementary Manual Training, Type B, and the Elementary Home Economics, Type C, Certificates were not offered during this school year.

Summer Session, 1940

The classes offered in the summer session of 1940, and the enrolments, were as follows:

Vocational Specialist	16
Vocational Ordinary	1
Vocational Guidance	26
Vocational Principals	24
Vocational Sewing and Dressmaking, Part I	20
Vocational Sewing and Dressmaking, Part II	21
Manual Training Specialist Extension	20
	128
Less duplicates	23
Net Total	105

Classes leading to the Elementary Manual Training Certificate, the Elementary Home Economics Certificate and the Manual Training Specialist Certificate were not offered in the summer session, 1940. These classes had been largely attended in the summer sessions of 1938 and 1939 and their withdrawal in 1940 accounts for the decrease in attendance in the summer session.

The supply of teachers of practical subjects has not been keeping pace with the demand. At present, due to the recognition of the value of technical school training, the shortage of properly trained shop teachers is being felt acutely. The schools have had to employ a number of uncertificated teachers.

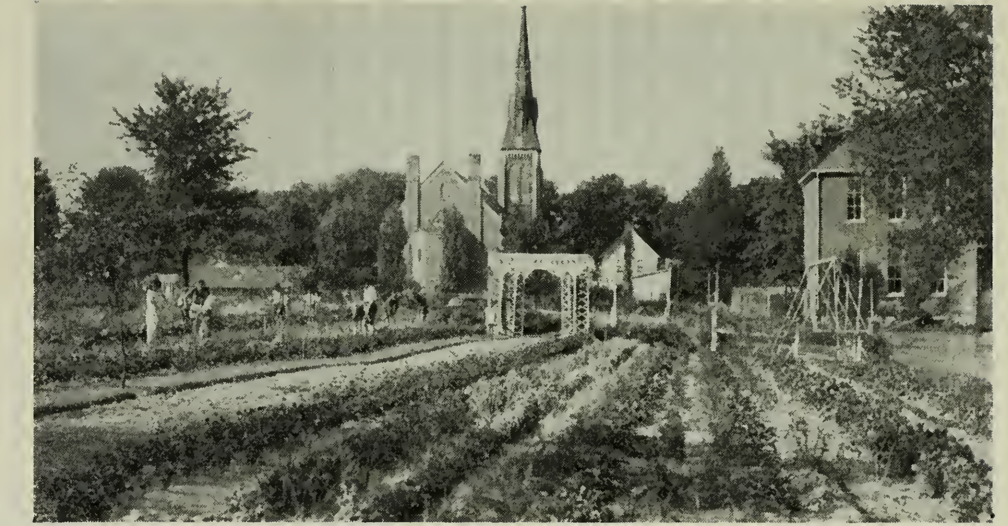
Although this shortage of shop teachers has been made more evident by the demands of the war situation, it is not a new thing. It has been felt for some years past and will be more acutely felt as the enrolment in the technical schools continues to increase.

The apparent reason for this shortage is the difficulty in getting properly qualified applicants to take the necessary course of training in methods of teaching. The determining factor appears to be the financial one of subsistence while taking the course.

It is essential that teachers of practical subjects in technical schools be highly skilled craftsmen in their respective fields. That this may be, applicants for admission to the Training College for Technical Teachers are required to have served the usual period of apprenticeship in the trade concerned, and to have had some years' journeyman experience with approved firms, sufficient to show that they are skilled workers. It follows that they are mature persons, usually from twenty-five to thirty years of age, established in their occupation, and, as a rule, married and with family responsibilities. To make a change to teaching, involving several months training with no income, is a serious step, sometimes, for financial reasons, impossible to take.

F. P. GAVIN,
Principal.

Hamilton, May 1, 1941.



Ridgetown Public School Garden

APPENDIX F

REPORT OF THE INSPECTOR OF AGRICULTURAL CLASSES

The Need for Instruction in Agriculture

Two objectives must be recognized in relation to agricultural instruction in the schools; the development of a background of knowledge and the training in practical operations related to activities of the farm, the garden and the care of home grounds. The first is applicable to all pupils in all schools, the second is limited according to the accommodation and equipment available and the location of the individual school. The need of instruction in urban schools is more necessary than ever if pupils are to have a knowledge of the sources of the foods which are marketed in a more or less processed form. Many older men and women living in cities were reared in rural areas and methods of primary production of food materials are familiar to them. This knowledge may be entirely lacking in their children who are reared in an entirely different environment and whose contact, if any, with primary production is often limited to brief visits to the farms of friends where a superficial knowledge may be obtained. It is, therefore, very desirable that systematic instruction in Agriculture be offered in urban schools. Whenever possible a school garden should be maintained so that pupils may learn methods of planting and caring for vegetables and flowers. Pupils should also have a share in the care of the lawn and of beds of shrubs and herbaceous perennials. A good programme of school gardening is carried on in Ottawa, Hamilton, Kitchener and Windsor. Home gardens as well are maintained in the above and other cities throughout the Province, but Agriculture is taken in only about 60% of urban elementary schools. The need of instruction in Agriculture is not yet recognized on an equal basis with other subjects.

In rural areas instruction in Agriculture is also important. With specialization of farming in many districts the home and community background of many pupils is entirely changed as compared with a generation ago. The child's knowledge of farm activities may be limited to those related to the type of farming conducted at home and he may have little opportunity to learn of other branches of farming. School gardens should be maintained in rural elementary schools so that all pupils may have instruction in methods of growing vegetables and flowers. These activities are maintained in many farm homes, but not in all. Practice in care of the school grounds will often create a desire to improve home surroundings. All pupils in rural areas, according to past statistics, do not later engage in farming, but for those who do the prescribed courses offer a wide range of information beyond that which can be gained on any one farm. The pupil may also realize that Agriculture is a study as well as a practice and that much can be learned from publications and other agencies of the Dominion and Provincial Departments of Agriculture. Present regulations provide that instruction in Agriculture may be offered in all rural elementary schools. When a teacher holds a certificate in Agriculture the Board is entitled to a refund of expenditure up to $30.00, and half this amount when the teacher does not hold a certificate. All teachers take Agriculture as a part of their Normal School course and may, therefore, teach this subject. In urban elementary schools the teacher must hold a certificate in Agriculture if grants are to be paid to the Board, but any teacher may teach the subject if time is provided on the time-table and expenses are paid by the Board.

In general the arguments presented above apply to pupils of secondary schools, but, owing to the more advanced age of the pupils and more adequate accommodation and equipment, it is possible to provide a great deal more practical work at school and also at home under a home project programme. Teachers in secondary schools must hold the Specialist or the Intermediate Certificate in Agriculture.

Elementary Schools

Reports on instruction in Agriculture for the school year ending June 30th, 1940, were received from 3,879 or 54.2% of all elementary schools. This number is considerably less than for the previous year and is due to two factors. First, reports were formerly submitted from all schools in which instruction was given whether or not the Board was entitled to a grant. Reports received for the above period represent the number of schools where a grant was payable to the Board. Second, the new courses for elementary schools introduced in 1937 provide a course in science which includes some agricultural topics and an optional course in Agriculture for Grades VII and VIII. In many schools agricultural topics are being taught as a part of the science course and no special report is submitted. It seems certain that, on the whole, attention and interest is still at the former high level and that instruction in agricultural topics is being well maintained in the elementary schools of the Province during the period of adjustment to new Regulations and courses.

One phase of instruction has been given special emphasis during the year, i.e. improvement of school grounds. In September, 1940, a booklet entitled "Suggestions for Improvement of Rural School Grounds" was issued by authority of the Minister of Education and sent to all inspectors for distribution to teachers and secretaries. This booklet was the result of a number of meetings of an inter-departmental committee including officials from the Departments of Agriculture, Education and Lands and Forests. In many schools more attention has been given to care of the grounds, improvement of fences, planting of trees and shrubs and where necessary levelling and grading the playgrounds. All inspectors have co-operated in the programme and good results can be observed in every part of Ontario. Many of the activities can be performed by the pupils under the direction of the teacher and are a part of the practical work in agricultural instruction. The cost of seeds, shrubs, lawn mower and other tools when used by the pupils may be charged to the agricultural grant as provided in the Regulations. Valued assistance in advice and supplying of materials has been rendered by officers and members of the Ontario Horticultural Association and by officials of the Forestry Branch, Department of Lands and Forests, in the campaign for school ground improvement.

Early in 1940 changes were made in the organization of School Fairs. Distribution of seeds was discontinued and the management of fairs placed in charge of local committees acting with the inspector and the agricultural representative. In the fall of 1940, 70 fairs representing 376 schools were held.

Secondary Schools

The number of secondary schools in which Agriculture was taught in the fall of 1940 was 170, the same as last year. Interest in the subject is well maintained and changes in Regulations which provide for payment of grants to Boards only have not affected any school in which the work was well established. Recognition by trustees and others of the value of instruction in Agriculture is shown by the fact that when changes of teachers occur, Boards advertise for a successor holding a certificate in Agriculture. The number of schools starting the work in September, 1940, was less than in recent years due to the fact that no summer courses were held in 1940. The subject has usually been introduced by a teacher of science who qualifies for the Intermediate certificate by attendance at summer school. Each year a number of new teachers are available, graduates of the Ontario Agricultural College who complete the course at the Ontario College of Education, but these teachers generally find employment in schools where Agriculture is already taught. During the fall of 1940 a scarcity of qualified teachers occurred due to enlistment and to the fact that no summer course was held. This condition is likely to continue for the duration of the war.

The character of instruction in both science and agricultural topics is of a good standard. Experimental work is regularly taken in the laboratory when accommodation is adequate. Greater attention is being given to practical work related to agricultural topics. Incubators are operated each spring in nearly every school and some chicks are kept in brooders at the school for a week or more. Small poultry houses have been provided at fifteen schools. These are used during the winter to house laying birds and in the spring for rearing chicks. Pupils in these schools gain a practical knowledge of methods of feeding and care by actual practice. Colonies of bees are kept in a number of schools and are used for observation and instruction. School gardens are maintained in 156 schools. These vary in size from the minimum area of 2,400 square feet to half an acre or more. The condition of the gardens when observed during the summer is showing improvement each year. In many schools pupils are receiving instruction and practice in improvement and care of the school grounds. During the fall of 1940 pupils from many schools in which Agriculture is taught worked on farms during September and part of October and assisted materially in harvesting fruits and other crops. Due to limited time and equipment at school it is impossible to offer instruction in all farm practices. Yet the ability of pupils to perform operations related to the activities of the farm, garden and home should be considered in an agricultural course. A closer relationship between instruction at school and activities at home should be provided. To this end a circular letter was sent, in the fall of 1940, to teachers of Agriculture, suggesting that a survey of the ability of pupils to perform various operations be made in each class and that marks be assigned on the year's work for proficiency of pupils. Excellent surveys were made by a number of schools and the plan was later used as a basis in organizing groups of pupils in various schools for enrolment in the Farm Service Force for 1941.

Through the co-operation of the editor of *The School* articles written by teachers on various agricultural topics have again been published during the year. These articles deal with particular phases of instruction which have been successfully conducted by the authors in their own schools.

The subsequent paragraphs of this report give statistics and comments relative to the progress of agricultural instruction in elementary schools, secondary schools, summer schools and the normal schools.

Public and Separate Schools

The number of schools which have met the requirements of the regulations and qualified for grants for Form III, Form IV and Form V, since 1903, is given in the abbreviated table following:

Year	Number of Schools	With School Gardens	With Home Gardens
1903	4	....	....
1913	159	....	....
1914	264	208	56
1920	1,648	702	946
1928	3,395	1,059	2,336
1937	5,065	1,580	3,485
1939	4,749	1,941	2,808
1940	3,879	1,446	2,433

The figures for 1940 are based on the number of schools which qualified for grants. Figures for previous years include all schools from which reports were received whether or not the Board qualified for a grant.

The following table shows the certificates held by teachers engaged in the work for the years given:

Year	Elementary	Elementary Part I	Intermediate	Intermediate Part I	Totals
1934	1,552	86	144	10	1,792
1935	1,957	106	163	16	2,242
1936	2,092	208	188	22	2,510
1937	2,351	502	218	42	3,113
1938	2,864	444	259	52	3,619
1939	3,132	238	312	33	3,715
1940	2,508	112	307	16	2,943

In addition to the courses for Form III and Form IV, Agriculture of the Lower School course was taken in fifth classes of 427 schools under the Regulations for Public and Separate Schools. The Lower School courses taught by a teacher holding an Intermediate Certificate are taken under the High School Regulations in the following schools: Cameron Public School; Elizabeth Ziegler Public School, Waterloo; Mono Mills Public School; St. Andrew's West Separate School; St. Raphael's West Separate School; Victoria Public School, Kitchener; Tecumseh Public School; Toronto Public Schools: Brown, General Mercer, McMurrich, Perth Avenue.

Secondary Schools

Instruction in Agriculture in secondary schools is provided under three schemes as stated below and may be taken in those schools which meet the requirements of the Department of Education.

1. Optional classes in Lower and Middle School as a part of the course for Normal Entrance or Matriculation.
2. Department of Agriculture under The High Schools Act.
3. Department of Agriculture under The Vocational Education Act.

Under scheme (1) above, Agriculture was taught during the year in the schools listed below. Under (a) are the schools in which Lower School courses only are taken, and under (b) both Lower and Middle School courses.

Collegiate Institutes

(a) Clinton, Cornwall, Goderich, Ingersoll, Kitchener, Oshawa, Perth, Seaforth, York Memorial, Vaughan Road. Total 10.

(b) Barrie, Belleville, Brockville, Cobourg, East York, Fort William, Lindsay, Napanee, Orillia, Picton, Port Arthur, Renfrew, Runnymede, Scarborough, Smith's Falls, Stamford, Strathroy. Total 17.

High Schools

(a) Blenheim, Bracebridge, Cobalt, Durham, Englehart, Essex, Havelock, Markham, Marmora, Mattawa, Maxville, Meaford, Merritton, Mount Forest, *Newcastle, Niagara, Orangeville, Port Credit, Ridgeway, Tilbury. Total 20.

(b) Alexandria, Alliston, Amherstburg, Arthur, Athens, Beamsville, Bowmanville, Brighton, Burford, Burlington, Caledonia, Cayuga, Chesterville, Dundas, Dunnville, Elmira, Fergus, Forest, Fort Frances, Grimsby, Hagersville, Haileybury, Harrow, Iroquois, Kemptville, Kincardine, Kingsville, Lakefield, Leamington, Listowel, Lucan, Madoc, Markdale, Midland, Milton, Mitchell, Morewood, Nepean, Newburgh, New Liskeard, Norwich, Norwood, Oakville, Omemee, Petrolia, Port Elgin, Port Perry, Ridgetown, Saltfleet, Shelburne, Simcoe, Smithville, Stirling, Streetsville, Sydenham, Trenton, Tweed, Uxbridge, Waterdown, Waterford, Watford, Whitby, Williamstown, Winchester. Total 64.

Continuation Schools

(a) Ailsa Craig, Arkona, Bothwell, Burk's Falls, Chatsworth, Coldwater, Eganville, Elgin, Forester's Falls, Forest Hill Village, Grand Valley, Hensall, Minesing, Richard's Landing, Russell. Total 15.

(b) Agincourt, Ayr, Beaverton, Brooklin, Brownsville, Comber, Delta, Drayton, Drumbo, Embro, Florence, Fordwich, Ilderton, Inglewood, Little Britain, Lobo, Lynden, Lyndhurst, Melbourne, Merlin, Merrickville, Milverton, Mindemoya, Mount Albert, Mount Brydges, Mount Elgin, Mount Pleasant, New Dundee, New Hamburg, Orono, Pelham, *Port McNicoll, Princeton, St. George, Sparta, Stevensville, Sundridge, Tamworth, Teeswater, Thamesford, Thamesville, Tiverton, Wheatley, Woodville. Total 44.

A summary of the above shows that Agriculture is now taken in twenty-seven Collegiate Institutes, eighty-four High Schools and fifty-nine Continuation Schools, a total of 170. During the year the work was introduced in one High School and one Continuation School and was discontinued in two High Schools. Both Lower and Middle School courses are taken in one hundred and twenty-five schools.

The following abbreviated table shows the development in this phase of instruction since its beginning in 1913 and the number of schools now taking the work.

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*Introduced Agriculture in September 1940.

Year	Collegiate Institutes	High Schools	Continuation Schools	Total
1913	....	1	1	2
1918	8	13	4	25
1928	14	44	23	81
1933	24	54	33	111
1937	27	83	48	158
1938	27	85	55	167
1939	27	85	58	170
1940	27	84	59	170

Two hundred and seventeen teachers are engaged in giving instruction in Agriculture. Of this number, one hundred and thirty-three hold the Specialist certificate, ninety-three being graduates of the Ontario Agricultural College.

The following schools are taking work under the scheme indicated in (2) above: Drayton, Elmira, Listowel, Port Perry, Wheatley and Whitby. Additional time is given to Agriculture and practical phases of the subject are stressed. At Elmira, Port Perry and Whitby provision is made for Shop Work for boys and Home Economics for girls.

Under (3) above, the following schools are qualifying for grants under the Vocational Education Act: Beamsville, Kemptville, Renfrew, Ridgetown, Stamford and Simcoe. In all, provision is made for instruction in Shop Work, and in all except Stamford, for Home Economics. The regular courses in these subjects, with special emphasis on agricultural applications, are being followed. In all centres practical applications of agricultural topics are stressed, a regular programme of home project activities is conducted and the teachers visit the homes of pupils to inspect the projects undertaken.

Summer Courses

Summer courses in Agriculture were not held in 1940. Consequently teachers were unable to qualify for the Elementary or Intermediate certificates and, as previously noted, this has affected the extension of instruction in Agriculture particularly in secondary schools.

Normal Schools

There have been no material changes in the Normal School course in Agriculture. Except in the University of Ottawa Normal School, instruction in Agriculture is a part of the regular course and the subject is taken by all students. Students who have taken four years of Agriculture in an approved school during their secondary school course are granted an Interim Elementary Certificate on successfully completing the Normal School course. Others must attend summer school to secure a certificate in Agriculture.

Facilities for instruction in practical phases of gardening and other topics are provided, the instructors are all qualified in Agriculture and a good course is given as far as the time allotment on the Normal School programme will allow.

NORMAN DAVIES,
Inspector of Agricultural Classes.

Toronto, July 15th, 1941.

APPENDIX G

REPORT OF THE INSPECTOR OF AUXILIARY CLASSES

Statistical Information for the School Year, 1939-40

Opportunity Classes.—For backward and psychopathic children and those who have not successfully pursued the ordinary grade work, but who can be trained and whose mental age is not less than the legal school age.

Centre	Number of teachers	Enrolment at Inspection	Boys	Girls	May Enrolment	Percentage cared for in Opportunity Handicraft, and Special Industrial Classes	Special Departmental Grants
Cities							
Belleville P.S.	1	17	16	1	1,733	.98	$ 210.28
Brantford P.S.	2	30	16	14	3,650	1.31	365.89
Chatham P.S.	1	18	11	7	1,964	1.77	170.00
Fort William P.S.	1	16	9	7	3,036	1.79	198.43
Galt P.S.	1	15	8	7	1,678	.89	203.41
Guelph P.S.	3	49	29	20	2,430	2.84	545.33
Hamilton P.S.	11	230	148	82	19,169	3.11	1,734.99
Kitchener P.S.	2	34	21	13	3,933	2.03	382.50
London P.S.	7	119	65	54	8,450	2.60	1,338.75
Niagara Falls P.S.	3	52	33	19	2,272	2.29	550.73
North Bay P.S.	1	12	12	......	1,343	5.80	191.25
Oshawa P.S.	1	12	11	1	3,456	.34	209.43
Ottawa P.S.	6	107	68	39	9,412	3.19	723.68
Owen Sound P.S.	2	32	19	13	2,019	1.58	399.45
Peterborough P.S.	1	16	11	5	2,630	.61	181.65
Port Arthur P.S.	(See Handicraft Classes)				2,513	1.51	....
St. Catharines P.S.	2	36	22	14	3,309	2.54	299.17
St. Thomas P.S.	5	79	52	27	1,720	4.59	821.41
Sarnia P.S.	1	15	10	5	2,203	2.86	206.07
Sault Ste. Marie P.S.	1	25	16	9	3,025	2.54	170.43
Stratford P.S.	1	13	9	4	2,031	1.52	178.89
Sudbury P.S.	2	37	26	11	2,134	1.73	445.79
Toronto P.S.	51	947	634	313	76,519	3.23	7,825.01
Welland P.S.	1	11	8	3	1,752	.62	155.41
Windsor P.S.	4	62	46	16	10,766	1.52	742.89
Woodstock P.S.	1	16	8	8	1,418	2.68	220.56
Towns and Villages							
Barrie P.S.	1	18	15	3	1,170	1.54	175.27
Goderich P.S.	1	19	19	......	538	3.53	229.94
Grimsby P.S.	1	21	11	10	277	7.69	195.71
Hespeler P.S.	1	18	16	2	447	4.02	193.46
Lindsay P.S.	1	18	14	4	882	2.04	249.37
Midland P.S.	(See Handicraft Classes)				752	3.19	....
Orillia P.S.	1	17	12	5	1,207	1.40	272.92
Penetanguishene P.S.	1	19	19	......	851	2.23	234.71
Picton P.S.	1	18	10	8	485	3.71	157.58
Preston P.S.	1	19	17	2	639	2.96	207.73
Ridgetown P.S.	1	17	12	5	260	6.54	246.96
Smith's Falls P.S.	1	16	10	6	928	1.72	198.56
Wallaceburg P.S.	1	17	14	3	565	3.01	182.14
Waterloo P.S.	1	14	11	3	1,040	1.34	191.25

Centre	Number of teachers	Enrolment at Inspection	Boys	Girls	May Enrolment	Percentage cared for in Opportunity Handicraft, and Special Industrial Classes	Special Departmental Grants
Inspectorates							
Peel Co.—No. 7 Toronto...	1	23	14	9	517	4.44	236.10
Welland E.—No. 6 Stamford	1	15	6	9	514	2.92	137.58
York II—No. 16 Etobicoke	1	18	10	8	481	3.75	170.00
York III—York Tp. P.S....	3	49	31	18	5,199	2.40	773.83
—Swansea P.S....	1	20	12	8	667	2.99	
York IV—York Tp. P.S....	4	83	46	37	6,152	1.35	812.95
York V—East York P.S....	5	77	46	31	5,740	1.34	1,425.71
—North York P.S...	2	39	28	11	1,468	2.65	
York VI—Birch Cliff......	1	14	12	2	541	2.58	199.66
Dist. Div. II—Fort Frances	1	12	9	3	954	1.26	170.00
Dist. Div. V.—Tarentorus (Shelter)...	1	29	13	16	158	18.35	211.99
Dist. Div. X—(1) Kirkland Lake......	3	84	64	20	2,370	3.54	609.20
Partial Classes							
Cobden P.S..............	1	6	2	4	110	5.45	50.75
Listowel P.S..............	1	12	10	2	334	3.59	139.37
Pembroke P.S............	2	26	20	6	977	2.61	259.28
Petawawa P.S............	1	8	6	2	192	4.16	88.13
Victoria Harbour P.S......	1	7	7	......	201	3.96	55.39
Wiarton P.S..............	1	4	3	1	255	1.57	42.50
Renfrew Co. N.—S.S. No. 6 Alice......	1	17	11	6	39	43.58	93.61
Simcoe Co. E.—S.S. No. 12 Tay.......	1	8	7	1	97	8.25	86.76
Separate Schools							
R.C. District							
Div. II—Sudbury.........	1	20	16	4	1,633	1.21	160.43
Div. V—Timmins.........	1	23	23	......	2,659	.86	236.76
Div. VI—Windsor........	(See Handicraft Classes				5,542	.72	....
Div. IX—London.........	1	19	12	7	1,434	1.31	214.76
Div. X—Kitchener........	(See Handicraft Classes)				1,801	1.16	....
—Preston..........	1	22	16	6	294	7.48	202.31
—15½ Wilmot.....	1	3	3	......	81	3.70	68.26
Div. XI—Hamilton.......	5	84	47	37	4,399	1.92	704.45
Div. XIII—Toronto......	7	116	81	35	11,644	1.79	1,233.47
Div. XIV—Toronto.......	5	92	46	46			764.78
Div. XV—Belleville.......	1	20	19	1	470	4.89	268.79
—Kingston.......	1	15	15	......	928	1.61	254.04
Div. XVII—Ottawa.......	1	35	14	21	11,403	.67	145.49
Div. XIX—Ottawa.......	2	42	15	27			353.20
—Mattawa......	1	9	9	......	387	2.44	137.80
Div. XXII—Hawkesbury..	(See Handicraft Classes)				1,280	3.36	....
Totals...............	186	3,282	2,161	1,121	255,527	1.91	$31,514.35

Handicraft and Special Industrial Classes.—For children thirteen years of age and over who are eligible for an Opportunity Class.

Centre	Number of teachers	Number of pupils	Boys	Girls	Grants
Brantford.........................	1	18	18	....	$332.50
Chatham.........................	1	17	17	....	327.68
Fort William......................	2	39	19	20	582.06

Centre	Number of teachers	Number of pupils	Boys	Girls	Grants
Guelph	1	20	20	....	$361.25
Hamilton (2 schools)	17	377	268	109	Paid by Tech. Educ. Branch
Kingston	1	17	17	....	361.25
Kitchener	3	46	32	14	790.96
London	5	101	62	39	1,466.25
North Bay	4	66	27	39	1,209.02
Ottawa	9	194	110	84	2,030.10
Port Arthur	2	38	18	20	628.72
St. Catharines	3	48	31	17	892.68
Sarnia	2	48	25	23	567.12
Sault Ste. Marie	2	52	31	21	753.93
Stratford	1	18	18	....	340.00
Toronto, Church Street	11	....	....	....	1,370.39
Toronto, Jarvis Street	25	....	....	....	Paid by Tech. Educ. Branch
Toronto, Edith L. Groves	15	....	....	....	Paid by Tech. Educ. Branch
Toronto, Boulton Avenue	11	....	....	....	Paid by Tech. Educ. Branch
Windsor	4	104	86	18	1,194.49
Woodstock	1	22	22	....	340.00
Simcoe East and Muskoka (Midland)	1	23	23	....	302.01
York III	4	141	141	....	1,224.31
R.C. District II (Sudbury)	1	16	16	....	361.25
R.C. District VI (Windsor)	2	40	40	....	661.67
R.C. District X (Kitchener)	1	21	21	....	291.24
R.C. District XVIII (Ottawa)	2	43	20	23	567.36
R.C. District XIX (Ottawa)	3	62	38	24	865.35
R.C. District XXII (Hawkesbury)	2	43	43	....	678.84
Totals	137	1,614	1,163	451	$18,599.43

Orthopaedic Classes.—For children who are disabled.

Centre	Number of teachers	Number of pupils	Boys	Girls	Grants
Ottawa Public	2	36	16	20	$812.83
Toronto Public	5	75	47	28	3,253.72
Totals	7	111	63	48	$4,066.55

Sanatorium, Preventorium and Hospital Classes.—For children in sanatoria, preventoria, hospitals or homes for the incurable.

Centre	Number of teachers	Number of pupils	Boys	Girls	Grants
Brantford	1	22	12	10	$323.77
Fort William	1	7	3	4	434.95
Gravenhurst	3	49	20	29	818.66
Hamilton	6	244	97	147	1,847.82
Kitchener	2	20	12	8	332.05
London	6	104	54	50	1,181.50
Toronto	10	119	57	62	1,257.28
Weston	3	33	14	19	442.00
Windsor	1	27	15	12	231.42
Totals	33	625	284	341	$6,869.45

Open Air Classes.—For delicate, anaemic, or undernourished children. Classes are held in parks, or in classrooms with one side to the sun and air.

Centre	Number of teachers	Number of pupils	Boys	Girls	Grants
Toronto P.S.	12	452	187	265	$865.65
Toronto S.S.	2	64	30	34	300.22
Totals	14	516	217	299	$1,165.87

Oral, Lip-Reading, Hard-of-Hearing and Speech Correction Classes.—For children who are deaf, partially deaf or have speech defects.

Centre	Number of teachers	Number of pupils	Boys	Girls	Grants
Fort William (part-time)	1	34	12	22	*
Hamilton (S.C. and L.R.)	1	706	469	237	$148.75
Kitchener (S.C. and L.R.)	1	158	99	59	191.25
Ottawa (Oral and L.R.)	1	12	2	10	559.73
Toronto (Oral)	3	23	8	15	2,185.15
(H. of H.)	4	61	36	25	603.42
(S.C. and L.R.)	6	1,214	513	701	904.16
York III (S.C.)	1	230	156	74	203.47
Totals	18	2,438	1,295	1,143	$4,795.93

*See Hospital Classes.

Sight-Saving Classes.—For children whose sight prevents them from making satisfactory progress or whose eyes would be impaired by using ordinary textbooks.

Centre	Number of teachers	Number of pupils	Boys	Girls	Grants
Hamilton	1	17	11	6	$159.13
London	1	11	7	4	191.25
Ottawa	1	14	5	9	148.75
Toronto	5	77	50	27	763.70
Totals	8	119	73	46	$1,262.83

Visiting Teacher Classes.—For children who are eligible but unable to attend school on account of a disability which will confine them for a period of not less than 3 months.

Centre	Number of teachers	Number of pupils	Boys	Girls	Grants
Hamilton	4	69	30	39	$760.04
Kitchener	1	15	7	8	425.00
Toronto P.S.	15	178	85	93	1,671.60
Toronto S.S.	2	28	15	13	395.04
Windsor	1	15	9	6	430.98
York III	4	49	19	30	1,189.49
York V	1	13	4	9	436.39
Totals	28	367	169	198	$5,308.54

Institutional Classes.—For inmates of children's homes, shelters, orphanages, etc.

Centre	Number of teachers	Number of pupils	Boys	Girls	Grants
Toronto	1	15	8	7	$36.01
Tarentorus	1	29	13	16	211.99
Totals	2	44	21	23	$248.00

Rural Opportunity Units.—For backward and psychopathic children and those who cannot successfully pursue the ordinary grade work, but who can be trained and whose mental age is not less than the legal school age.

Inspectorate	Number of teachers	Number of pupils	Boys	Girls	Grants
Bruce East	2	3	2	1	....
Bruce West	24	69	45	24	$13.01
Carleton	1	1	....	1	....
Dufferin	3	5	3	2	3.37
Dundas	7	50	35	15	37.93
Elgin	42	96	45	51	....
Essex (No. 2)	9	37	27	10	71.71
Frontenac and Addington	2	7	5	2	.92
Glengarry	3	14	7	7	26.78
Grey North, and Bruce North	6	32	28	4	20.39
Grey South	7	24	18	6	20.30
Halton	7	15	11	4	30.51
Hastings North	1	4	3	1	....
Hastings South	2	3	3	....	9.99
Huron East	1	2	2	....	....
Huron West	29	75	55	20	214.50
Kent	1	1	1	....	.34
Lambton West (No. 1)	14	48	36	12	55.57
Leeds and Grenville (No. 3)	15	49	32	17	52.57
Lincoln	10	59	42	17	13.06
Middlesex East and Elgin	3	14	9	5	8.77
Middlesex West	21	31	27	4	57.89
Northumberland and Durham (No. 1)	6	14	10	4	43.28
Northumberland and Durham (No. 2)	1	2	1	1	....
Ontario North and York	2	3	3	....	2.86
Oxford North	7	15	12	3	19.53
Oxford South and Norfolk	16	36	27	9	92.49
Peel	2	7	5	2	....
Perth North and Wellington	24	59	41	18	....
Peterborough West and Victoria	14	39	23	16	56.58
Prescott and Russell	7	18	11	7	16.07
Prince Edward	18	45	31	14	3.13
Renfrew North	36	115	79	36	138.54
Renfrew South	1	2	2	....	....
Simcoe Centre	8	21	15	6	12.19
Simcoe East and Muskoka	3	11	9	2	....
Simcoe South and Kent	1	3	3	....	2.85
Waterloo (No. 1)	4	11	6	5	3.08
Waterloo (No. 2)	....	....	....	....	....
Welland East	1	5	3	2	2.00
Welland (in part), Lincoln (in part)	5	21	13	8	30.59
Welland South	12	49	32	17	153.57
Wellington North	2	4	3	1	6.94
Wellington South	16	40	26	14	....
Wentworth	....	....	....	....	....

Inspectorate	Number of teachers	Number of pupils	Boys	Girls	Grants
York (No. 2)	2	13	9	4	....
York No. 6)	1	5	4	1	$8.31
District Division V	18	67	42	25	93.79
District Division VI	26	94	60	34	18.47
District Division VII	3	15	9	6	7.13
District Division VIII	1	1	1	....	6.16
District Division X	1	1	1	....	....
District Division XIII	10	29	12	17	21.96
District Division XIV	16	51	38	13	143.75
District Division XVI	25	106	67	39	30.01
R.C. District Division VI	2	10	8	2	16.15
R.C. District Division X	10	27	10	17	7.37
R.C. District Division XII	15	69	40	29	85.69
R.C. District Division XV	2	5	2	3	....
Totals	528	1,652	1,094	558	$1,660.10

Rural and Urban Home Instruction Units.—For sick and crippled children who cannot attend school.

Inspectorate	Number of teachers	Number of pupils	Boys	Girls	Grants
Brant	2	2	1	1	....
Bruce West	1	1	....	1	....
*Durham (Oshawa)	....	5	1	4	$100.73
Elgin East	13	22	14	8	153.00
*Elgin (St. Thomas)	....	4	4	....	144.08
Frontenac North	1	1	....	1	51.00
Grey South	1	1	....	1	51.00
Halton	4	4	2	2	174.42
*Lambton (Sarnia)	1	1	1	....	15.30
Lanark	1	1	....	1	....
Middlesex East and Elgin	6	13	9	4	81.65
*Middlesex (London)	1	2	2	....	102.00
Northumberland and Durham	1	1	....	1	....
Oxford North	1	1	....	1	....
Oxford South	1	1	....	1	30.60
Peel	7	7	6	1	22.31
*Peel (No. 7, Toronto)	1	1	1	....	53.55
Perth South	2	2	1	1	22.95
*Peterborough (Peterborough)	....	5	2	3	126.65
Simcoe Centre	1	1	1	....	31.54
*Simcoe Centre (Barrie)	1	1	1	....	51.00
Simcoe East and Muskoka	2	2	1	1	45.90
Simcoe South	4	4	4	....	....
*Waterloo (No. 1) (Waterloo)	....	3	....	3	130.69
Waterloo (No. 2)	4	4	2	2	47.83
Wellington South	1	1	1	....	17.30
Wentworth	1	1	....	1	51.00
York (No. 2)	3	3	....	3	....
York (No. 4)	4	4	2	2	102.43
York (No. 5)	4	4	2	2	....
York (No. 6)	11	16	7	9	303.41
*York (No. 6) (No. 15, Scarboro)	1	1	....	1	51.00
District Division IV	1	1	1	....	34.42
District XI	2	2	2	....	....
District VIII	1	1	....	1	30.60
R.C. District XII	1	1	1	....	51.00
R.C. District XV	1	1	....	1	30.60
R.C. District XVI	2	2	1	1	42.50
*R.C. District V (Timmins)	1	1	....	1	42.50
*R.C. District X (Kitchener)	....	9	6	3	187.85
Totals	90	138	76	62	$2,380.81

*Urban units.

Orthopaedic Units.—For children who are physically unable to walk to and from school and are in need of transportation.

Inspectorate	Number of teachers	Number of pupils	Boys	Girls	Grants
Leeds and Grenville (No. 2)	1	1	....	1	....
*Perth South (St. Mary's)	1	1	1	....	....
*York (No. 6) (Forest Hill Village)	2	2	1	1	$68.00
*District X (No. 1) (Kirkland Lake)	4	4	....	4	83.30
Totals	8	8	2	6	$151.30

Rural and Urban Sight-Saving Units.—For children with defective eyesight.

Inspectorate	Number of teachers	Number of pupils	Boys	Girls	Grants
Bruce West	2	2	1	1	$10.46
Carleton	4	5	3	2	....
Dufferin	1	1	....	1	....
Dundas	4	4	2	2	....
*Durham (Oshawa)	3	3	1	2	18.76
Elgin East	3	4	4	....	....
*Essex (Windsor)	1	1	....	1	3.04
Grey North	4	4	3	1	....
*Grey (Owen Sound)	1	1	1	....	2.55
Halton	2	2	2	....	....
Huron East	1	1	1	....	....
Lambton	7	7	4	3	....
Lanark	1	1	....	1	....
Leeds and Grenville (No. 1)	1	1	1	....	....
Leeds and Grenville (No. 3)	4	4	1	3	....
Lincoln	2	2	1	1	....
Middlesex East	5	5	2	3	....
Middlesex West	1	1	1	....	....
Northumberland Durham (No. 2)	1	1	1	....	....
Oxford North	3	3	1	2	....
Oxford South	1	1	....	1	....
*Oxford (Woodstock)	1	1	....	1	8.50
Peel	4	5	2	3	....
*Peel (No. 7, Toronto)	2	2	....	2	12.75
*Peterboro (Lindsay)	1	1	1	....	3.89
Prescott and Russell	1	1	....	1	....
Prince Edward	2	2	1	1	....
*Renfrew North (Pembroke)	2	6	2	4	24.57
Simcoe Centre	1	1	....	1	....
Waterloo (No. 1)	4	4	2	2	....
*Welland (Niagara Falls)	3	3	1	2	9.36
Wellington North	2	2	1	1	....
Wellington South	2	2	....	2	....
Wentworth	2	2	2	....	....
*York (No. 3)	1	1	....	1	8.50
*York (No. 5)	4	4	4	....	16.32
York (No. 6)	4	4	3	1	....
District Division I	5	5	3	2	....
District Division V	3	3	2	1	....
District Division VI	2	2	2	....	....
District Division IX	3	5	2	3	....
District Division XV	2	2	1	1	....
District Division XVI	1	1	1	....	....
R.C. District Division I	3	3	2	1	....
R.C. District Division II	1	1	1	....	....

*Urban units.

Inspectorate	Number of teachers	Number of pupils	Boys	Girls	Grants
R.C. District Division VI	5	5	1	4	....
R.C. District Division X	3	3	2	1	$8.50
*R.C. District Division XVI (Renfrew)	1	1	1	....	8.50
R.C. District Division XII	1	1	....	1	....
*R.C. District Division XIV (Toronto)	5	7	7	....	51.74
Totals	123	134	74	60	$187.44

*Urban units.

SUMMARY: *Urban and Rural Organization.*

	Number of Children	Total
1. Physically Handicapped:		
(i) Urban Organization	4,176	
(ii) Rural Organization	280	
		4,456
2. Retarded and Mentally Handicapped:		
(i) Urban Organization	4,940	
(ii) Rural Organization	1,652	
		6,592
		11,048

Urban Organization

During the year under review, one Opportunity Class was closed in each of the following municipalities: Etobicoke, Toronto, North Bay, Stratford, Swansea, Welland, York Township.

In addition, to the classes mentioned in the statistics, the following auxiliary classes were opened during the Fall Term 1940: Hamilton, 1; Kingston, 1; Niagara Falls, 1; Oshawa, 1; Ottawa, 1; Timmins (Separate), 2.
Surveys were conducted in Kingston, Smith's Falls and Niagara Falls.

Courtesy inspections were made of the Readjustment Classes established by the Hamilton Board of Education. These classes established as 'catch-up' classes, under the instruction of specially selected teachers, have been giving satisfactory results. Such classes are acceptable as either Opportunity or Handicraft Classes where the requirements as to the certification of the teacher, classroom accommodation and provision of special equipment are satisfactory.

Readjustment of pupils to enable them to carry on in the regular grade classes is one of the goals of the Opportunity and Handicraft Classes. Teachers of Opportunity Classes have reported that as many as six pupils, out of an enrolment of twenty, have been enabled to return to the regular grade classes. In some cases, the readjustment to grade class conditions has been gradual. The pupil attends the regular grade for one or more subjects per day and is transferred only after having demonstrated his ability to keep up with the grade. Segregation is necessary because individual methods are used for pupils who are severely handicapped or retarded. When the number of seriously retarded pupils is small, it is advisable to include in Opportunity Classes those pupils who require readjustment in one or more subjects. Their inclusion helps to overcome a stigma which may attach to a class composed of pupils who have not previously had academic success. The admission of pupils who will benefit by an adjustment programme enables a class to perform a greater amount of service. It demonstrates that pupils can expect promotion and creates greater circulation of pupils. In some cities the following devices are used to increase the usefulness of the classes:

(a) Grades I and II pupils who are casualties in learning to read, are sent in groups to the Opportunity Class between 11:30 and 12:00 a.m.

(b) Pupils from Grades III-VIII who are casualties in Arithmetic, Spelling or Speech, are given an extra half-hour of this subject under the supervision of the Opportunity Class teacher.

The general plan on which the Auxiliary Classes in Ontario have been operating successfully may be restated as follows:

(1) to assess the pupil's abilities as accurately as possible to determine his present levels of achievement, his handicaps and his rate of learning;

(2) to commence instruction below his present learning levels and promote on a subject basis;

(3) to provide training in those activities which give successful results before attempting those subjects in which the pupil has failed. (This is the main reason for introducing handwork, enterprises and sand-table projects);

(4) to use new, suitable and accurately-graded materials which have not the disadvantage of being associated with the pupil's failure;

(5) to apply special remedial techniques as required;

(6) to assess the pupil's progress accurately and sympathetically.

Rural Organizations

Complete and partial surveys of the following rural inspectorates were carried out by Miss DeLaporte and myself in conjunction with the inspectors concerned.

Inspectorate	Inspector	Number of pupils interviewed
*Grey South	Geo. E. Pentland, M.A.	27
Lennox and Hastings South (in part)	K. O. Birkin, M.A., B.Paed.	59
Simcoe South, York (in part)	C. A. Lapp, B.A., B.Paed.	109
Waterloo (No. 2)	Charles Howitt, B.A., B.Paed.	79
Welland East	Z. S. Phimister, B.A., B.Paed.	118
District Division XIV	E. R. Underhill, B.A.	105
*District Division XV	J. L. Moore, B.A.	33
	Total	530

*Partial survey.

Throughout the academic year, a considerable part of the regular work of the Auxiliary Classes Branch is the writing of advisements for pupils reported by inspectors and teachers who send in the results of tests, and estimates of abilities in the various subjects. Where the oral reading test in the Binet Examination has been given, it is easier to make recommendations in this subject.

The Inspectors of Auxiliary Classes wish to express their appreciation of the assistance of Inspectors A. A. Martin, W. J. Stewart, Gordon Young and N. R. Wightman who provide written advisements for pupils in their respective inspectorates and thereby conduct a continuous survey. The greatest problem in the organization of Opportunity and Sight-Saving Units in the rural and smaller schools is the follow-up work. This devolves upon the local inspector who must add to or vary the original advisement as the pupil progresses. With about 2,000 units in operation in most of the inspectorates, it is essential that their supervision should be the care of the public or separate school inspector.

In June 1940, information was collected through the inspectors which showed that over 50% of the pupils in Opportunity Units were making substantial progress; that over 25% of the pupils moved to another school, and that in the remainder of the cases there was little or no progress.

Adult Classes in Sanatoria

Grants were made available in 1939 to support classes already existing in various Sanatoria. The need for this action came about through the development and use of study as a therapeutic measure in the hospitals. At the same time, the Board of Education of London and of Toronto were beginning to question the propriety of providing educational facilities for pupils who were non-residents. Originally teachers were provided for pupils in Grades I-X inclusive because they were residents of these cities but domiciled in the nearby Preventorium. The work of preventing tuberculosis in pupils has been so efficiently done that fewer pupils from these cities are required to take hospital treatment. The plans for medical treatment at present seldom keep a child in a hospital for a long period for observation or medical and nursing care.

These two factors have reduced the number of children attending hospital classes in sanatoria and increased the number of adults and adolescents who wish to continue their education.

The London Board of Education did not replace Miss Fisher, teacher at the Preventorium who retired in June 1940. The Toronto Board of Education withdrew its teaching staff from the Queen Mary Hospital at Weston in June 1940.

To meet the educational needs of patients in the Sanatoria, classes have been established in:

1. Gravenhurst Sanatorium
2. Byron Sanatorium, London
3. Queen Mary Hospital, Weston
4. Mountain Sanatorium, Hamilton
5. Brant Sanatorium, Brantford
6. Freeport Sanatorium, Kitchener.

The method of instruction is chiefly individual and is carried on at the patient's bed. The patients are studying courses from the primary school level to fourth year university work. Among them are:

1. New Canadians learning to read and write English.
2. Mature men and women preparing for Entrance to High School.
3. Patients taking commercial and regular secondary school courses.
4. Patients taking a Radio Communications Course, prepared by an expert also a patient.
5. Patients taking clockmaking from a certificated teacher who had served his apprenticeship in this craft.
6. Patients taking University subjects.

Habilitation Units

This scheme was authorized in 1939, and provides for an expenditure of not more than $2,000 on the training of ten pupils who are cripples and who have completed their education by correspondence or home instruction, or who, for any reason, are unable to secure training which would help them to earn a livelihood. The expenses which may be provided are: tuition, board and transportation. In 1939, two pupils were given habilitation training. One of the two now has a protected job. During the autumn of 1940, a third case commenced a course in dressmaking under the instruction of a dressmaker. Previous to this she had completed the Grade X course. This course in dressmaking was offered as a means of training her in some art with which she could serve the area in which she lives. Since the course began, she has been found able to do hand sewing and design, but does not handle a foot-powered sewing-machine.

Other similar cases are on file. Action in each case must wait until the child has completed the elementary school course and arrangements are made with some local craftsman to act as trainer. Recommendations will be made to the Minister of Education when the plans of the local school inspector are formulated and the arrangements give hope of successful training in an art or craft which offers some chance of employment within the area in which the adolescent resides.

Home Instruction by Telephone

The London Board of Education has provided a set of telephone instruments connected in such a manner that a home-bound pupil may receive instruction from a classroom in Ryerson School. The pupil hears the teacher from a two-way telephone at the front of the room and the pupils from a one-way instrument at the back of the room. He may join in the class discussions by pressing a lever on his own two-way instrument at his bedside.

The Bell Telephone Company provides a line at the regular rates. The teacher visits this special pupil twice a week and his written work is marked regularly.

Sight Saving Readers

Due to the war and the necessity for using foreign exchange, the importation of sight-saving books published by the Clear Type Publishing Committee has decreased, with consequent detriment to those pupils who require books printed in 24-point type.

Books imported from U. S. Publishers differ from the authorized texts used in Ontario. This causes some extra work for the teacher who feels that the practice of sight-saving and the provision of supplementary and work exercises in large writing present enough problems without having to study reading and literature from a separate text.

In October 1940 a memorandum was approved under which the Auxiliary Classes Branch was to prepare sight-saving editions of the authorized readers and arithmetics.

Permission has been secured from the following publishers to make, without cost, editions of 200 copies of all or parts of the books listed:

Publisher	Text
1. Thomas Nelson and Sons	*Golden Windows*
2. Copp Clark Company	*Gateways to Bookland*
3. W. J. Gage & Company	*Ontario Arithmetics* (Grades 3-8 inclusive)
4. W. J. Gage & Co., and Thomas Nelson and Sons	*Life and Literature, Book I*
5. Macmillan Company and Ryerson Press	*Treasury Readers* (Grades 5 and 6)

Golden Windows Part I and *Gateways to Bookland Part I* have been copied in magnatype and are ready for distribution. *Social Studies for Grade V* has been ready since July 1940.

The following books are still available free of charge to duly established Sight-Saving Units:

Life and Literature Book II

Ontario Speller Part I and *Part II.*

Bett's Telebinocular

This machine was purchased during 1940 for the purpose of studying pupils' difficulties in reading. It was first used in the summer school in teaching diagnosis and remedial work in reading.

Because of the number of surveys listed for 1940, it was not possible to find the time to use it in rural schools. At present it is being used in our regular classes as an aid to reading diagnosis during inspections.

The Canadian Intelligence Examination

After many years of waiting for an intelligence test based on Canadian data and experience, the teaching profession received a Canadian revision of the *Binet-Simon Test* in September 1940. It is published by the Ryerson Press under the title of "*The Canadian Intelligence Examination*" by Dr. H. E. Amoss and Dr. C. G. Stogdill.

The Auxiliary Classes Branch and the Chief Inspector's Office have been charged with the duty of testing the reliability of the Canadian Intelligence Examination.

Survey of Indian Schools

At the request of Mr. Hoey, Superintendent of Indian Affairs, a survey of seven residential Indian Schools in Ontario is under way.

Training of Teachers

In 1940, three courses were given at the summer school session held at Jarvis Street School for Boys, from July 8th to August 9th. Course I was given for teachers of Opportunity and Handicraft Classes; Course II was given as a Refresher Course for teachers in possession of certificates who desired to extend their experience in testing; Course III was for teachers who were not desirous of teaching in the regular Auxiliary Classes but who wished to study intelligence testing, special methods for individual cases and mental hygiene of instruction. Six teachers of the 214 registered were from the Provinces of Nova Scotia, Quebec, Manitoba and Saskatchewan.

The meeting of the International Council for Exceptional Children at Pittsburgh in February provided an opportunity to visit special schools and to receive information from authorities gathered from all parts of North America. Teachers from Hamilton, Ottawa and Toronto were in attendance.

The usual lectures on Auxiliary Education were given to the students at each of the Provincial Normal Schools.

The Auxiliary Class magazine, *The Special Class Teacher*, serves the members of this group and an increasing number of grade teachers with timely articles on the problems exhibited by exceptional pupils.

Miss L. Helen DeLaporte, B.A., B.Paed., Assistant Inspector of Auxiliary Classes, attended Teachers' College, Columbia University, for a semester to study Remedial Reading, the Psychology of the Handicapped and to survey the problems presented by Orthopaedic Cases. Miss DeLaporte in attending these courses has studied techniques and methods which added to her own rich experience, have already proven useful and practical in providing for the education of exceptional children in this Province.

C. E. STOTHERS,
Inspector of Auxiliary Classes.

Toronto, July 23rd, 1941.

APPENDIX H

REPORT OF THE DIRECTOR OF SCHOOL ATTENDANCE

Schools can do their best work only when pupils attend regularly. I am pleased to be able to report that the percentage of attendance was high in both elementary and secondary schools during the school year 1939-40. Figures giving the enrolment and record of attendance for the various types of schools will be found in the statistical tables that follow.

Table No. 1—Enrolment

	1937-38	1938-39	1939-40	Increase or Decrease for year
Public Schools	454,509	453,182	441,143	12,039 decr.
Separate Schools	102,505	104,466	102,180	2,286 decr.
High Schools and Collegiate Institutes	68,700	72,247	73,102	855 incr.
Continuation Schools	9,251	9,866	10,048	182 incr.
Vocational and Special Industrial Schools—				
Day Classes	37,748	35,779	37,900	2,121 incr.
Night Classes	32,083	36,481	34,983	1,498 decr.
	704,796	712,021	699,356	12,665 decr.

Pupils enrolled in the 6,485 Public and 859 Separate Schools were taught by 18,046 teachers. These figures represent an increase of 30 Public Schools, 13 Separate Schools, and 90 teachers. It will be seen that classrooms newly opened more than offset classrooms or schools closed by reason of low enrolment The decrease in the number of pupils attending elementary schools is explained by the lower birth-rate during the years of economic depression. The increase in the number of pupils attending day classes in the Vocational Schools is significant when compared with the smaller increases noted for High Schools, Continuation Schools, and Collegiate Institutes. The Vocational Schools are evidently becoming increasingly attractive to students about to enter their first year of secondary school training.

Table No. 2—Percentage Attendance

Class of School	1936-37	1937-38	1938-39	1939-40	Increase over 1938-39
City Schools	92.49	92.96	91.5	92.8	1.3
Town Schools	92.67	93.08	92.2	93.3	1.1
Village Schools	91.83	91.95	91.0	92.7	1.7
County Rural Schools	87.65	88.77	89.6	90.3	.7
District Rural Schools	87.22	86.85	87.4	89.9	2.5
All Urban Schools	92.49	92.92	91.6	93.0	1.4
All Rural Schools	89.34	89.13	88.0	90.2	2.2
All Elementary Schools	90.91	91.51	90.3	91.9	1.6

From the above table it will be seen that the attendance record for 1939-40 surpassed the record of the previous year in all types of elementary schools.

School Leaders in Attendance

1937-38	Per cent.	1938-39	Per cent.	1939-40	Per cent.
City of Galt	95.69	City of Galt	94.7	City of Kitchener City of North Bay	95.5
Town of Elmira	97.41	Town of Palmerston	96.1	Town of Hespeler	96.6
Village of Mildmay	96.28	Village of Casselman	97.6	Village of Neustadt	97.4
County of Waterloo	93.46	County of Oxford	94.0	County of Waterloo	94.0
District of Kenora	89.36	District of Kenora	89.4	District of Kenora	90.4

Table No. 3—Public School Attendance

	1938-39		Days Lost per Pupil	1939-40		Days Lost per pupil
	Average Attendance	Percentage Attendance		Average Attendance	Percentage Attendance	
Rural	158,092	87.8	20.09	160,911	90.0	18.9
Urban	238,982	91.4	13.82	236,285	92.7	14.1

Table No. 4—Separate School Attendance

	1938-39		Days Lost per Pupil	1939-40		Days Lost per Pupil
	Average Attendance	Percentage Attendance		Average Attendance	Percentage Attendance	
Rural	20,367	90.0	17.6	21,753	91.6	16.0
Urban	73,936	92.5	14.0	72,906	93.7	12.4

Table No. 5—Totals

(Tables 3 and 4 combined)

	1938-39		Days Lost per Pupil	1939-40		Days Lost per Pupil
	Average Attendance	Percentage Attendance		Average Attendance	Percentage Attendance	
Rural	178,459	88.0	19.89	182,664	90.2	18.5
Urban	312,918	91.6	13.16	309,191	93.0	13.7

Table No. 6—All Elementary Schools

	1938-39		Days Lost per Pupil	1939-40		Days Lost per Pupil
	Average Attendance	Percentage Attendance		Average Attendance	Percentage Attendance	
Public	397,074	89.9	18.7	397,196	91.6	16.1
Separate	94,303	92.0	14.8	94,659	93.1	13.2

The percentage attendance for all elementary schools was 91.9 and the average loss per pupil was 15.5 days.

Table No. 7—Absence in Elementary Schools

Days lost through	1939-40	Percentage Loss			
		1936-37	1937-38	1938-39	1939-40
Illness	5,533,860	65.41	62.39	66.99	65.85
Home Help	828,916	9.11	9.91	7.79	9.86
Parental Neglect	586,879	5.92	6.95	6.06	6.98
Physical Obstacles	314,835	2.62	3.81	4.56	3.75
Truancy	26,723	.28	.32	.24	.32
Privation	88,834	1.04	1.04	1.04	1.06
Irregular Closing	508,997	4.56	5.85	6.67	6.06
Other Reasons	514,444	11.05	9.73	6.65	6.12
Total days lost		9,083,567	8,734,593	9,983,079	8,403,488
The above losses are classified—					
Lawful		6,845,284	6,329,014	7,680,348	6,327,689
Unlawful		2,238,283	2,405,579	2,302,731	2,075,799
Percentage attendance		90.91	91.5	90.3	91.9

An analysis of the above table shows that the loss for Home Help increased 2.07 per cent. for the year, and that much of this absence was not sanctioned by the Attendance Officer. The harvesting of seasonal crops—tomato, tobacco, fruit, potato, and corn—is largely responsible for such absence in rural communities where children prove very useful in field and orchard. Weather conditions were generally more favourable to good attendance during the year, and losses attributable to Physical Obstacles—such as impassable roads—decreased noticeably.

Table No. 8—Summary of Attendance Officers' Reports

	1938	1939
School Children's Employment Certificates Issued	350	710
Home Permits Issued	1,730	1,389
Employment Certificates Issued	1,907	2,146
Cases brought before Magistrates	527	528

The statistics in the foregoing table are for the calendar years. School Children's Employment Certificates may be issued to pupils younger than fourteen years of age, under certain conditions, and are good for not more than six consecutive weeks in a term. Home Permits, sanctioning work in the home, may be issued to adolescents, aged from fourteen to sixteen years. Employment certificates are necessary when adolescent pupils are authorized to work away from home. Permits and Certificates are issued by local attendance Officers, who now number approximately 2,300 throughout the Province.

Table No. 9—Secondary Schools

Schools	No. of schools	No. of teachers	Enrolment				Percentage Attendance	
			1938-39		1939-40		1938-39	1939-40
High Schools and Collegiates	228	2,762		72,247		73,102	94.2	94.6
Continuation Schools......	202	569		9,866		10,048	91.9	91.4
Vocational and Special Industrial Schools.......	64	1,761					*93.3	*94.0
Day.............			35,709		37,900			
Night............			36,481		34,983			
				72,260		72,883		
	494	5,092		154,273		156,033		

*Day Schools only.

In closing this report I should like to pay tribute to the parents and teachers whose zeal in encouraging regular attendance at school is so highly important.

R. D. KEEFE,
Director of School Attendance.

Toronto, May 30th, 1941.

APPENDIX I

REPORT OF THE SUPERINTENDENT OF THE ONTARIO SCHOOL FOR THE DEAF

I have the honour to submit the Annual Report of the Ontario School for the Deaf for the year ending April 1st to March 31st, 1941.

Attendance

Enrolment by months:—

	Boys	Girls	Total
April, 1940	142	151	293
May	141	151	292
June	141	151	292
September	140	153	293
October	147	154	301
November	147	154	301
December	149	153	302
January, 1941	151	159	310
February	151	158	309
March	152	158	310

Average attendance for the year—300.

Enrolment by counties and districts:—

Algoma	13 pupils
Brant	4 "
Bruce	3 "
Carleton	16 "
Cochrane	5 "
Durham	2 "
Dundas	3 "
Elgin	2 "
Essex	24 "
Frontenac	5 "
Grey	2 "
Glengarry	1 pupil
Grenville	1 "
Haldimand	2 pupils
Halton	3 "
Hastings	9 "
Huron	4 "
Kenora	2 "
Kent	8 "
Lambton	1 pupil
Lanark	8 pupils
Leeds	7 "
Lennox	1 pupil
Lincoln	2 pupils
Middlesex	9 pupils
Nipissing	5 "
Norfolk	1 pupil
Northumberland	1 "
Ontario	5 pupils
Oxford	6 "
Peel	1 pupil
Perth	4 pupils
Peterborough	5 "
Prescott	1 pupil
Parry Sound	10 pupils
Rainy River	2 "
Renfrew	10 "
Russell	1 pupil
Simcoe	12 pupils
Stormont	4 "
Sudbury	10 "
Thunder Bay	9 "
Timiskaming	15 "
Victoria	1 pupil
Waterloo	13 pupils
Welland	10 "
Wellington	4 "
Wentworth	16 "
York	59 "

Thirty-two pupils left school during the year. Their ages are given below:—

12 years	1 pupil
13 years	1 "
14 years	2 pupils
15 years	2 "
16 years	5 "
17 years	3 pupils
18 years	5 "
19 years	5 "
20 years	7 "
21 years	1 pupil

AGE-GRADE TABLE—September 15, 1940

	4 yrs.– 5 yrs.	5 yrs.– 6 yrs.	6 yrs.– 7 yrs.	7 yrs.– 8 yrs.	8 yrs.– 9 yrs.	9 yrs.–10 yrs.	10 yrs.–11 yrs.	11 yrs.–12 yrs.	12 yrs.–13 yrs.	13 yrs.–14 yrs.	14 yrs.–15 yrs.	15 yrs.–16 yrs.	16 yrs.–17 yrs.	17 yrs.–18 yrs.	18 yrs.–19 yrs.	19 yrs.–20 yrs.	20 yrs.–21 yrs.	21 yrs.–22 yrs.	Medial Age in years & months	Totals	TOTALS
Junior School																			yrs mos		
4 rooms, Prep'tory I	2	12	9	8	7	6	1	1	...	...	...	...	...	...	...	...	...	...	7–0	46	
3 rooms, Prep'tory II	...	...	7	8	3	8	4	2	1	...	...	...	...	...	...	...	...	...	8–6	33	
3 rooms, Prep'tory III	...	...	...	...	6	18	8	...	1	...	...	...	...	...	...	...	...	...	9–7	33	
2 rooms, Grade I	...	...	...	...	...	1	8	11	4	...	...	...	...	...	...	...	...	...	11–3	24	136
Intermediate School																					
1 Academic, Grade II	...	...	...	...	...	...	...	...	10	1	...	...	...	...	...	...	...	...	12–5	11	
2 Academic, Grade III	...	...	...	...	...	1	6	3	2	...	...	...	...	...	...	...	...	...	10–10	12	
3 Academic, Grade IV	...	...	...	...	...	...	...	2	6	3	2	...	...	...	...	...	...	...	12–9	13	
4 Academic, Grade V	...	...	...	...	...	...	1	...	5	7	...	...	...	...	...	...	...	...	13–1	13	
1 Vocational	...	...	...	...	...	...	...	1	3	6	...	...	...	...	...	...	...	...	13–2	10	
2 Vocational	...	...	...	...	...	...	...	...	...	5	2	...	...	...	...	...	...	...	13–8	7	
3 Vocational	...	...	...	...	...	...	...	...	1	8	3	...	...	...	...	...	...	...	13–8	12	
4 Vocational	...	...	...	...	...	...	...	...	...	4	5	1	...	...	...	...	...	...	14–2	10	88
Senior School																					
1 Academic, Grade VI	...	...	...	...	...	...	...	...	1	5	3	3	...	...	...	...	...	...	14–0	12	
2 Academic, Grade VII	...	...	...	...	...	...	...	...	...	1	3	5	3	2	...	...	...	...	15–7	14	
3 Academic, Grade VIII	...	...	...	...	...	...	...	...	...	...	...	1	3	5	...	1	...	...	17–2	10	
4 Academic, Grade IX	...	...	...	...	...	...	...	...	...	...	...	1	...	3	...	2	...	...	17–8	6	
1 Vocational	...	...	...	...	...	...	...	...	...	...	1	4	3	...	...	...	...	...	15–9	8	
2 Vocational	...	...	...	...	...	...	...	...	...	4	4	2	...	...	...	...	...	...	14–3	10	
3 Vocational	...	...	...	...	...	...	...	...	...	...	...	1	7	1	...	...	...	...	16–6	9	
4 Vocational	...	...	...	...	...	...	...	...	...	...	...	3	2	2	1	...	1	...	16–9	9	
Full Time Vocational	...	...	...	...	...	...	...	...	...	...	...	...	...	4	2	2	...	1	18–3	9	87
Totals	2	12	16	16	16	34	28	20	34	44	23	21	18	17	3	5	1	1	....	....	311

ATTENDANCE-GRADE TABLE, 1940

	0 yrs.– 1 yr.	1 yr.– 2 yrs.	2 yrs.– 3 yrs.	3 yrs.– 4 yrs.	4 yrs.– 5 yrs.	5 yrs.– 6 yrs.	6 yrs.– 7 yrs.	7 yrs.– 8 yrs.	8 yrs.– 9 yrs.	9 yrs.–10 yrs.	10 yrs.–11 yrs	11 yrs.–12 yrs	12 yrs.–13 yrs.	13 yrs.–14 yrs.	Medial Attendance	Totals	TOTALS
Junior School															yrs mos		
4 rooms, Preparatory I	39	1	5	1	....	....	....	....	....	....	...	...	...	...	0–7	46	
3 rooms, Preparatory II	1	17	12	2	1	....	....	....	....	....	...	...	...	...	1–11	33	
3 rooms, Preparatory III	1	2	7	14	7	2	....	....	....	....	...	...	...	...	3–5	33	
2 rooms, Grade I	1	....	....	4	9	7	3	....	....	....	...	...	...	...	4–9	24	136
Intermediate School																	
1 Academic, Grade II	....	....	....	....	4	5	2	....	....	....	...	...	...	...	5–4	11	
2 Academic, Grade III	....	....	....	....	1	9	2	....	....	....	...	...	...	...	5–6	12	
3 Academic, Grade IV	....	1	....	....	2	4	5	1	....	....	...	...	...	...	6–4	13	
4 Academic, Grade V	2	1	1	....	....	....	1	8	....	....	...	...	...	...	7–2	13	
1 Vocational	....	....	2	2	....	4	1	....	1	....	...	...	...	...	5–3	10	
2 Vocational	....	1	....	1	1	1	1	....	1	1	...	...	...	...	5–6	7	
3 Vocational	1	....	2	1	2	2	2	....	2	....	...	...	...	...	5–0	12	
4 Vocational	....	....	1	....	....	4	1	2	2	....	...	...	...	...	6–0	10	88
Senior School																	
1 Academic, Grade VI	....	....	....	1	....	....	2	2	5	2	...	...	...	...	8–2	12	
2 Academic, Grade VII	1	....	1	1	....	....	1	1	1	5	2	1	...	...	9–2	14	
3 Academic, Grade VIII	....	1	....	....	....	....	....	....	2	3	3	...	1	...	9–8	10	
4 Academic, Grade IX	1	....	2	....	....	....	....	....	....	....	3	...	...	...	10–0	6	
1 Vocational	2	....	1	....	1	1	....	2	1	....	...	...	...	...	5–0	8	
2 Vocational	....	....	....	....	1	1	....	3	4	1	...	...	...	...	8–0	10	
3 Vocational	....	....	....	....	1	3	....	....	3	1	1	...	...	...	8–2	9	
4 Vocational	....	....	....	....	....	....	1	2	2	3	1	...	...	...	8–9	9	
Full Time Vocational	....	....	....	....	....	1	1	....	1	1	1	...	3	1	10–6	9	87
Totals	49	24	34	27	30	44	23	21	25	17	11	1	4	1	....	....	311

Nine of these completed the courses given at the school, including full-time vocational work for the last year in school. Six others obtained High School Entrance certificates. Seven were hard-of-hearing pupils, some of whom returned to public schools. Six of the remaining ten stayed at home to work, one is attending another School for the Deaf, and one is ill. Two left because they were unable to benefit by the instruction given them.

Fifty new pupils were admitted and their ages on admission were:—

4 years	2 pupils	11 years	1 pupil
5 years	12 "	12 years	1 "
6 years	9 "	13 years	2 pupils
7 years	7 "	14 years	None
8 years	5 "	15 years	3 pupils
9 years	4 "	16 years	2 "
10 years	2 "		

Only two new pupils over ten years of age had not attended school previously. These two, fifteen and sixteen years of age, respectively, had been kept at home by their parents.

National Society of the Deaf and the Hard of Hearing

During the past four years several meetings have been held by representatives of the deaf, the hard of hearing, and their friends, for the purpose of forming an organization to help those afflicted with total or partial deafness. As a result of their efforts a Charter was granted by the Government of the Dominion of Canada to a corporation to be known as the National Society of the Deaf and the Hard of Hearing, with head office in Toronto. The charter was granted in March and the head office opened a few weeks later. The Society is incorporated to render service in all parts of Canada but for the present is functioning only in Ontario.

The Board of Directors appointed the following officers: President—L. M. Wood, Secretary-Treasurer—A. B. Stodart, Placement Director—E. B. Lally, B.A., Medical Consultant—Dr. G. A. Fee.

Mr. Lally, who had been a teacher at the Ontario School for the Deaf for more than twenty years, began his new duties on August 1st, 1940. He has been successful in finding employment for many of the recent graduates of the school. It is expected that this Society will be able to render great assistance to deaf boys and girls after they leave school.

Teaching Staff

When Mr. Lally left his work at the school to become Placement Director of the National Society, his place as Director of Vocational Guidance and Instructor in Business was taken by Mr. F. P. Cunningham, B.A., formerly teacher of language in the senior department. To succeed Mr. Cunningham, Miss Maloney, teacher of girls' physical training, was transferred to the senior department as teacher of language. Miss Evelyn Watt, a successful teacher in Pembroke public schools, was engaged to teach girls' physical training.

Miss Flora Bell resigned to be married and was succeeded by Miss Patricia Stafford, who was transferred from the Ottawa Model School.

American Association to Promote the Teaching of Speech to the Deaf

The fiftieth anniversary of the Association was held in Providence, Rhode Island, from June 17th to June 21st, Thirteen of our teachers accompanied by Miss C. Ford, Directress of Professional Training, attended this meeting of the Association.

School Calendar

On Friday of Easter week a group of junior children participated in a programme at the Spring Festival in St. Michael's Academy.

Junior and intermediate pupils took a prominent part in the concert which opened the Y.M.C.A. war services campaign.

A group of older senior pupils appeared on the programme of the Leap Year Cabaret put on by the Young People's Union of Bridge Street Church.

Thursday, April 25th—Boys' banquet.

Thursday, May 2nd—Girls' banquet.

On Monday evening, May 13th, pupils presented a concert in the Town Hall, Napanee, under the auspices of the Salvation Army.

On Thursday afternoon, June 6th, many guests visited the junior classrooms to observe the work of the pupils in speech, lip-reading and language.

Afternoon tea was served and articles made by pupils in the sewing room were sold, the proceeds being donated to the Pupils' Benefit Fund. In the evening a display of work of pupils in vocational classes was on exhibition in the assembly room. The public were entertained by the pupils in rhythm exercises of all kinds.

On Monday, June 10th, closing exercises were held and prizes, diplomas, and certificates awarded to the pupils.

Thursday, December 5th—School bazaar.

Monday, December 16th—Christmas Nativity Pageant.

Admission and Graduation

This school has been in operation for seventy years, having been opened on October 20th, 1871. Thirty years later, in 1901, the Literary Examiner made the following statement in his annual report,—"It would appear that the average age at which the pupils have been admitted is about 9½ years, but it will be seen that many come at ages ranging from 15 to 20. Under such conditions the best results cannot be attained, nor can very rapid progress be anticipated."

In 1905, Mr. Brown, Inspector of Public Schools, Morrisburg, was Literary Examiner. He reported as follows,—"The primary, in fact almost the sole object, with juniors, is not to give instruction, but to construct, practically to create, a medium of communication between the children and the outer world—to furnish them with language, sign language, both natural and arbitrary." The ages of the pupils at that time were:—

10 years and under.....	61	16 to 18 years.........	58
11 to 12 years.........	26	19 to 21 "	33
13 to 15 "	71	21 to 29 "	30

These figures are very significant.

Mr. Mathison was opposed to the admission of young children. In one of his reports he stated,—"The minds of the young children do not seem capable of grasping ideas, and for two or three years they are taught only the alphabet, and the names of a few objects which could be taught them in their own home. The children who come when about 9 or 10 years of age take up the work much more readily and are as far advanced at the end of one year as the younger ones who have spent two or three years here."

Mr. Mathison resigned as Superintendent in 1906 and was succeeded by Dr. Coughlin.

Normal deaf children are admitted now at 5 years of age. After two or three years in school these young children are able to think in words. By the time they are ten years old they have acquired a knowledge of printed books, written language, speech and lip-reading, thought impossible of attainment thirty-five years ago. Early age of admission, better organization and more scientific teaching methods are responsible for this improvement. This also accounts for the fact that the children complete their education when they are very young, at present less than 15% are over sixteen years of age, compared with 43% over sixteen years of age in 1905, with thirty of these being men and women 21 years of age or older.

Seven boys and three girls completed the work of Grade VIII in June and were awarded High School Entrance certificates. Six of these pupils returned to school in September to study in the high school class. Although this school was opened in 1870 it was not until June, 1914, or eight years after Dr. Coughlin had become Superintendent, that the first pupils received High School Entrance certificates. In that year the class consisted of eight girls. Year after year since that time from eight to fifteen pupils have attained this standard. At present pupils who complete the work of Grade VIII may continue in school for two years to take secondary school and vocational work.

Report of Dentist

The following work has been completed during the school term:—

Girls: Fillings, (a) Amalgam 98, (b) Porcelain 18; Prophylaxis 35; Extractions, (a) Permanent 5, (b) Deciduous 41.

Boys: Fillings, (a) Amalgam 92, (b) Porcelain 22; Prophylaxis 42; Extractions, (a) Permanent 7, (b) Deciduous 46.

G. C. Caldwell,
Dentist.

Report of School Physician

The following is a report on the admissions to the hospital of the Ontario School for the Deaf, Belleville, from April 1st, 1940, to March 31st, 1941:—

> One appendectomy; Measles, 29 cases; German measles, 53 cases; several cases of impetigo; one case of nephritis; six children taken to Provincial Chest-Clinic. New pupils given scarlet fever toxin, 41; new pupils given diphtheria toxoid, 32; new pupils vaccinated, 34.

All of the personnel who had not had scarlet fever toxin or diphtheria toxoid were immunized.

R. W. Tennent,
Physician.

Bursar's Report

Cost per Pupil, School for the Deaf, Year ending March 31, 1941

Heading of Expenditures	Total expenditures year ending March 31, 1940	Yearly cost per pupil, year ending March 31, 1940	Weekly cost per pupil, year ending March 31, 1940	Total expenditures year ending March 31, 1941	Yearly cost per pupil, year ending March 31, 1941	Weekly cost per pupil, year ending March 31, 1941
Medicine and medical comforts...	$758.04	$2.56	$0.05	$562.89	$1.88	$0.04
Groceries and provisions..........	22,996.53	77.69	1.49	22,252.37	74.18	1.43
Bedding, clothing and shoes......	2,078.70	7.02	.13	1,548.65	5.16	.10
Fuel, light, power and water.....	16,684.47	56.36	1.08	17,720.54	59.07	1.13
Laundry, soap and cleaning......	1,493.47	5.04	.10	1,962.33	6.54	.13
Furniture and furnishings.......	1,533.02	5.18	.10	1,530.83	5.10	.10
Farm expenses................	2,626.43	8.87	.17	3,419.28	11.40	.22
Repairs and alterations..........	2,390.93	8.08	.16	2,878.83	9.59	.19
School supplies and equipment...	2,421.60	8.18	.16	1,583.04	5.28	.10
Maintenance of motor vehicles...	954.82	3.22	.06	835.34	2.79	.05
Contingencies................	1,721.13	5.82	.11	1,907.49	6.36	.12
Vocational supplies.............	3,327.53	11.24	.22	2,955.75	9.85	.19
Travelling expenses.............	844.45	2.85	.05	747.35	2.49	.05
Canadian National Exhibition....	468.31	1.58	.03	498.14	1.66	.03
Salaries and wages..............	86,758.12	293.13	5.64	88,995.59	296.55	5.70
Total expenditures..........	$147,057.55	$496.82	$9.55	$149,398.42	$498.00	$9.58
Revenue						
Pay Pupils....................	$3,639.50			$4,326.50		
Farm........................	6,188.40			5,619.53		
Canadian.....................	60.60			91.40		
Industries....................	280.29			215.43		
Miscellaneous.................	570.68			457.26		
Perquisites, Pay List...........	6,925.66			6,925.66		
Total.....................	$17,665.13			$17,635.78		

Average number of pupils, 1939-40 term, 296
Annual cost per pupil, $496.82.
Weekly cost per pupil, $9.55.

Average number of pupils, 1940-41 term, 300.
Annual cost per pupil, $498.00.
Weekly cost per pupil, $9.58.

C. B. McGUIRE, *Bursar.*

Respectfully submitted,

W. J. MORRISON,
Superintendent.

Belleville, April 30th, 1941.

APPENDIX J

REPORT OF THE SUPERINTENDENT OF THE ONTARIO SCHOOL FOR THE BLIND

Foreword

"The Impossible is only the Untried."

Enrolment

	Boys	Girls	Total
Enrolment, June, 1940	90	75	165
Withdrawals, June, 1940	13	13	26
	77	62	139
Re-entry of former students	1	1	2
New students, September, 1940	18	13	31
Entries during the term	2	....	2
	98	76	174
Withdrawals during the year	4	3	7
Enrolment, June, 1941	94	73	167

Enrolment by Provinces for the past Seven years

Year (June)	Ontario	Alberta	Manitoba	Saskatchewan	Total
1935	79	12	9	11	111
1936	90	15	10	11	126
1937	101	19	9	15	144
1938	111	18	8	14	151
1939	117	25	7	15	164
1940	122	20	9	15	165
1941	118	23	6	20	167

Graduates and Withdrawals

Age	No. Pupils	Detail
8	1	Sufficient sight for the regular grades.
9	1	Brain tumor case.
10	1	Socially unfit.
14	2	Sufficient sight for the regular grades.
15	1	Became homesick.
16	3	One unable to make further school progress: two sought work.
17	7	Two had sufficient sight for the regular grades: five graduated.
18	2	One remained at home: one went to work.
19	6	One mentally retarded: one a brain tumor case: four graduated.
20	2	Graduated.
21	4	Graduated.
22	2	Graduated.
23	1	Graduated.

Of the twenty-three graduates in the above group, eleven are definitely employed.

New Pupils in Age Group

Age	No. Pupils	Age	No. Pupils	Age	No. Pupils
6	3	11	2	17	3
7	3	12	2	18	1
8	2	13	3	19	2
9	5	14	1	20	3
10	1	15	2		
				Total	33

Mental Ratings of New Pupil

Intelligence Quotient	No. Pupils	Intelligence Quotient	No. Pupils
Below 50	1	90 to 110	11
50 to 70	3	110 to 130	6
70 to 80	3	130 to 140	1
80 to 90	3	Untested	5

Our Graduates in Universities

Louise Cowan, of Princeton, Ont., on a scholarship from the Ontario School for the Blind, has completed her second year at McMaster University.

John Green, B.A., Saskatoon, Sask., pursued Post-graduate work at Saskatchewan University on a scholarship won during his B.A. course in the same college.

Oliver Bell, Edmonton, Alta., successfully completed his second year at the University of Alberta.

War Work

During the year both staff and students of the Ontario School for the Blind have endeavoured to do their share in the great task which challenges us all.

Our Physical Instructor has given two nights a week to the drilling of N.P.A.M. officers in the Dufferin and Haldimand Regiment. Seven of our lady teachers have taken complete courses in A.R.P. and St. John's Ambulance work. The lady teachers and girl students in our sewing and knitting departments have furnished the Red Cross with numerous articles for our soldiers and for British war victims.

The whole school joined in raising money for Red Cross and British Relief work. The following contributions were made during the year:

The whole school to the Lord Mayor's Fund	$70.00
Merry Makers' Club (Senior Girls)	3.00
Senior Boys' Club	24.92
Guides and Brownies	17.74
Junior Red Cross	54.00

Our annual athletic meet with the Batavia (New York) School for the Blind was held at Brantford on May 30th. Each school entered a team of eight boys. The Ontario School for the Blind won four out of five events and was declared the champion for 1941.

At the Stratford Musical Festival held in April, our students again made a very creditable showing. For the fourth consecutive year we won the Stratford

Beacon-Herald Trophy for madrigal choirs. The first three wins gave us one trophy permanently, and this year we are the holders of a new trophy given by the Stratford Beacon-Herald. For the third consecutive year we have won the MacLaglan Trophy for Ladies' small choirs, which makes us the permanent owners of this trophy. For the second consecutive year we have won the Pounder Brothers' Trophy for male choruses. In addition to the above we won the following medal awards.:

Ladies' single trio (under 21 years)	Silver medal—2nd place
Ladies' double trio	Silver medal—2nd place
Ladies Trio (Open)	Gold medal—1st place
Mixed Quartette	Gold medal—1st place
Baritone Solo (Open)—Everett Rush Coalhurst, Alta.	Gold medal—1st place

Staff Changes

At the beginning of the year, the Education Department called Mr. A. M. McNamara, to Inspector's duties at North Bay. Mr. McNamara had been with us five years. He endeared himself to both students and staff, and our best wishes go with him in his new work. Mr. Joseph Hyde of Toronto was appointed to fill the vacancy thus created.

Mr. Ralph Brown, Boys' Supervisor, resigned at the beginning of the school year to join the C.A.S.F. Mr. Brown had given good leadership to our boys for five years. We wish him well in his service to King and Empire. Mr. Douglas Coutts was appointed to replace him.

Library Report

During the winter of 1940-41 we added about 100 volumes to our library. A considerable number of these were juvenile books, which were badly needed, as our younger readers are very enthusiastic patrons. They are encouraged to begin outside reading when they reach Grade II.

Eight years ago our library consisted of less than 100 volumes. Today, we have about 1000 volumes, the majority of which are juvenile and senior fiction, with a goodly portion of reference books. We have also biographical works, and a number of the books of the Old and New Testaments.

Medical Report

Total number of hospital days		1,301
Total number of patients		139
Infectious diseases		31
Measles	22	
Mumps	4	
Whooping Cough	5	
Infections and Boils		4
Influenza		50
Sore Throats and Tonsilitis		5
Bilious attacks		5
Accident cases		11
Sprained ankle	1	
Broken collar bone	1	
Broken nose	1	
Colds		16
Varicose Ulcer		1
Intra-cranial pressure		1
Croup		1
Kidney condition (pyelitis)		1
Rest following epileptic seizure		1
Appendectomy		1
Miscellaneous cases		11

Following our usual procedure, each student was given a thorough physical examination, and new students were given diphtheria toxoid and vaccinated if necessary.

A vigorous physical programme of sports and outdoor life, the development of a nearly normal outlook on life mentally, and the care and aids made available to these young folk in a medical way, have produced a sturdy and healthy body of students.

All of which I am pleased to submit.

(Signed) J. A. Marquis,
Physician.

Report of Oculist

The examination was carried out at the school during the fall months. It included a complete ocular examination of the 32 new pupils of this year's class, and a re-examination of 134 pupils previously admitted.

It is very gratifying to note in the appended chart that this year's class has considerably more sight than is usually found in new pupils presenting themselves at the school. In the first group, those who have limited vision in both eyes, are fifteen pupils, or almost 50%. Some have sufficiently good distant vision to enable them to go about readily, but because of limited near-vision they are precluded from obtaining an education visually.

Condition of Sight	Male	Female	Total
1. Limited vision in both eyes	8	7	15
2. Limited vision in one eye	3	3	6
3. Quantitative light perception in both eyes	1	2	3
4. Quantitative perception in one eye, none in the other	3	1	4
5. Without light perception in either eye	3	1	4
Totals	18	14	32

The next chart presents a comprehensive outline of those eye diseases which are accountable for the impairment of sight and for blindness in this year's class.

Diseases Causing Blindness	Male	Female	Total
1. Ophthalmia Neonatorum and Keratitis	1	2	3
2. Congenital Cataract	6	4	10
3. Myopia	3	2	5
4. Optic Atrophy	4	1	5
5. Glioma of Retina	1	1	2
6. Congenital Buphthalmus and Congenital Malformation	1	2	3
7. Fundus Lesions, Diseases of the Retina and Choroid	....	1	1
8. Sympathetic Ophthalmia, Plastic Uveitis	1	....	1
9. Traumatic Lesions, Detachment of Retina and Haemorrhage	1	....	1
Totals	18	14	32

From a study of the foregoing chart, we find that the aetiological factors producing blindness resemble very closely those found in former examinations. There is about the same number of congenital cases, the same number of traumatic origin, and the eye diseases themselves show a distinct similarity with the possible exception of congenital cataract. Here we find a distinct increase, ten such cases being found in this class against six last year.

Conversely, we find a decided reduction in those cases classified as fundus lesions, including diseases of the retina and choroid. We have only one in this class, whereas last year the number was eight. Ophthalmia Neonatorum and Keratitis cases are the same as last year, four in number. Optic Atrophy is the same with five cases. Myopia, five cases as against four last year. One new condition not met with for some two or three years is Glioma of the Retina, and two cases of this disease are found.

We re-examined all the other pupils at the school and felt very pleased to see the improvement that so many of them had made, both from an ocular and a physical point of view. I feel that much of this improvement is due to the excellent attention given to the pupils by the school staff throughout the year. As usual, it was necessary to advise many of the pupils as to the amount and type of use they could give their eyes. Some needed new glasses and a few received glasses who had not previously worn them. Again, we pointed out the value of proper diet, especially the use of those vitamins so beneficial in eye diseases.

All of which is respectfully submitted.

Norman W. Bragg, M.D., F.A.C.S.

Report of School Dentist

All the pupils presented themselves for dental examination. Twenty-six per cent. had kept their teeth in first class condition, as many more in very good condition. The rest ranged from fair to a few cases of neglect.

A large proportion of the work, especially extraction, was for new pupils.

	Boys	Girls
Extracting, Permanent	7	15
" Deciduous	20	23
No fillings	29	18
One filling	19	13
Fillings	151	143

I appreciate the co-operation of the school in this work.

Respectfully submitted,

J. R. Will.

BURSAR'S REPORT—Financial Statement

Expenditures:		
Salaries and Wages	$56,197.32	
Travelling Expenses	460.65	
Medical Department	411.35	
Groceries and Provisions	15,683.80	
Bedding and Clothing	925.90	
Fuel, Light, Power and Water	10,689.27	
Laundry, Soap and Cleaning	678.33	
Furniture and Furnishings	1,296.95	
Farm and Garden	840.86	
Repairs and Alterations	1,762.17	
School Supplies, etc.	1,947.45	
Dental and Oculist Services	460.50	
Contingencies	1,857.96	
		$93,212.51

CASUAL REVENUE RETURNED TO DEPARTMENT:		
Perquisites	$5,840.72	
Farm Account	944.22	
Pigs	41.32	
Chickens	43.00	
Western Fees	12,900.00	
		$19,769.26

SUMMARY:	
Total Expenditure	$93,212.51
Less Casual Revenue Returned to Department	19,769.26
Actual Expenditure	$73,443.25

C. N. I. B.

In conclusion, I wish to express on behalf of myself, staff and students our appreciation of the service given to our graduates by the Canadian National Institute for the Blind. They continue to place our graduates in employment. I am assured all our last year's graduates will be employed by the beginning of the new school term.

The teaching staff have served faithfully, cheerfully and well; the house staff have given efficient service.

Respectfully submitted,

H. J. VALLENTYNE,
Superintendent.

Brantford, Ont., June 25th, 1941.

APPENDIX K

REPORT OF THE ACTING INSPECTOR OF PUBLIC LIBRARIES

To the Honourable Duncan McArthur, M.A., LL.D.

I have the honour to submit the following report of the Public Libraries Branch for the year 1940, including statistics for public libraries in 1939 and a statement of the Legislative Grants paid in 1940.

The Inspector of Public Libraries, Major Angus Mowat, was called for Active Service towards the end of June, 1940, and since then his duties have been carried on as fully as possible by the Acting Inspector and the other members of the Staff.

1. Public Libraries of the Province

The number of Free and Association libraries in 1940 was 502. Of these 231 were Free and 271 Association. The sum of $41,225.25 was paid in Legislative Grants, which is approximately 3¼% of the total expenditure of these libraries in 1939. The grants varied from $4.00 to $2,579.90, the latter amount being paid to the Toronto Public Library.

Municipal appropriations for the Free libraries in 1939 was $1,050,178.89, and the total amount expended on books by the Free and Association libraries in that year was $266,617.37.

The total expenditures on libraries in 1939 was $1,337,099.25. The population served by the Free libraries was 2,057,359, and the approximate population served by the Association libraries was 212,476, making a total of 2,269,835 persons to whom library service was available.

Borrowers to the number of 676,508 were registered in the libraries, and the number of volumes was 3,438,524.

The total circulation of books in the province was 13,973,267, or 3.72 books per capita.

2. The Travelling Libraries

A summary of the service given by the Travelling Libraries is as follows:

Libraries loaned in 1940—

To Public Libraries	226	
To Schools	729	
To Women's Institutes	75	
To Study Clubs, etc.	97	
Total		1,127
Increase in 1940		125

Book Circulation, 1940—		
Boys' and Girls'	86,162	
Classed Books	17,346	
Fiction	29,957	
Total		133,465
Increase in 1940		20,977
Books purchased, 1940—		
Boys' and Girls'	1,592	
Classed Books	1,062	
Fiction	1,187	
Total		3,841
Books withdrawn, 1940		1,671
Total number of books in the Travelling Libraries, 1940		35,502

There is a steady increase in the use of the Travelling Libraries, expecially by the schools. Public Libraries, Women's Institutes, Study Clubs, etc. are reading more non-fiction books and less fiction.

Travelling Libraries have been loaned to the following Military units:

Military Training Camp	Newmarket.
Camp X, Angler, Internment Camp	For use of Canadian Officers in charge.
Camp M, New Toronto, Internment Camp	For Canadian Officers in charge.
Camp Borden	Canadian Grenadier Guards.

The Teachers' Library continues to show an increase in circulation and in the number of borrowers. The number of teachers registered is 1,359; the number of volumes in the library is 982; there were 7 new titles added in 1940; and the circulation was 2,566 volumes. This is the largest circulation since the library was organized in 1938.

3. Book Donations

During the year a large number of used books were sent to Camp Borden, Newmarket Camp, and Frontier College. All the books were in good condition, and letters of appreciation have been received.

4. Libraries Not Reporting

In 1940 fifteen Association Libraries failed to report for the previous year. Some of these are in very poor condition, and official reports have not been received for some years. Under the Public Libraries Act, if a report is not received for two consecutive years, the library may be removed from the list and the books disposed of as the Minister may deem proper.

5. County Libraries

The war condition, which has increased the demand for recently published books, seems to be drawing the libraries in the counties and districts closer together for co-operative work. To the County Library Associations already established there were added in 1940 the Counties of Simcoe and Essex. The Government is very sympathetic to these organizations, and Legislative Grants

Bloomfield Public Library

up to a maximum of six hundred dollars have been given where the County Council gave a like amount. Smaller grants are allowed for organization purposes and on book purchases.

It was stated in a report some time ago that "The demand for library service keeps pace with the provision for serving the people. The larger or better service on the part of the library always meets with response from the people." This seems to be the reason that County Libraries are progressing.

6. The Ontario Library Review

The *Ontario Library Review and Periodical Index* is published quarterly, and the circulation is steadily increasing. Our mailing list now includes addresses in Canada, the United States, the British Isles, Australia, Tasmania, New Zealand, South Africa, India, China, the Philippine Islands and the British West Indies. The book lists in it are valuable, the articles interesting, and there is a growing demand for bound copies of the Periodical Index.

7. Change in Status of Libraries

Four Association libraries were added to the list in 1940. They are Blackwell, Corunna, Delora and Flinton. The Association Library at Brown's Corners was closed.

One Free Public Library was added in 1940, that at Exhibition Park, for use of the men in Camp. This is a Branch of the Toronto Public Library System.

The appended statistical tables are for the year 1939 and show the Legislative Grants paid in 1940.

I have the honour to be, Sir,

Your obedient servant,

S. B. HERBERT,

February 10th, 1941.

Acting Inspector of Public Libraries.

FREE PUBLIC

Showing Statistics, 1939, and

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Salary paid Librarians	Salaries paid Permanent Assistants
						$ c.	$ c.
1	Acton	1,916	600	5,450	11,188	156.00	96.00
2	Ailsa Craig	477	169	4,026	3,159	100.00	....
3	Almont	2,330	645	4,839	17,879	420.00	....
4	Amherstburg	2,900	891	6,470	30,572	900.00	....
5	Arnprior	3,900	182	3,547	10,403	285.00	....
6	Arthur	1,032	164	3,909	6,455	84.00	....
7	Aurora	2,850	763	6,627	25,701	445.00	112.50
8	Aylmer	2,175	1,600	14,628	19,822	300.00	....
9	Ayr	768	394	5,014	7,555	175.00	....
10	Barrie	8,522	3,313	11,865	76,967	1,100.01	600.00
11	Beamsville	1,200	762	8,555	19,071	300.00	....
12	Beaverton						No report
13	Beeton	600	145	2,834	1,496	50.00	....
14	Belleville	14,678	6,529	16,791	110,830	1,200.00	1,556.00
15	Belmont	400	319	1,938	4,185	102.00	....
16	Bothwell	647	170	2,646	4,436	105.50	....
17	Bracebridge	2,575	1,099	6,257	24,282	600.00	....
18	Brampton	5,600	2,757	7,535	41,562	720.00	215.35
19	Brantford	31,439	14,557	41,369	242,048	1,400.00	5,328.50
20	Brighton	1,500	347	2,870	14,948	195.00	....
21	Brockville	9,997	7,594	22,352	82,225	1,680.00	1,299.96
22	Brussels	750	228	5,239	5,256	240.00	....
23	Burk's Falls	680	517	2,752	4,181	180.00	....
24	Campbellford	3,000	1,709	8,652	30,575	625.00	25.00
25	Cardinal	1,450	175	3,955	4,763	100.00	....
26	Carleton Place	4,150	700	7,117	11,055	380.00	....
27	Cayuga	700	113	2,886	5,021	60.00	....
28	Chatham	16,958	4,082	27,319	112,583	1,449.96	3,930.98
29	Chesley	1,743	461	5,633	16,590	200.00	....
30	Clifford	456	84	5,141	4,096	50.00	....
31	Clinton	1,878	600	11,329	14,713	525.00	....
32	Collingwood	5,700	1,000	13,197	27,548	720.00	....
33	Cornwall	13,573	2,017	12,090	46,755	900.00	163.00
34	Delhi	2,544	294	3,236	11,354	207.50	....
35	Drayton	529	270	4,137	4,619	240.00	....
36	Dresden	1,592	255	4,032	8,326	378.00	....
37	Dryden	1,732	425	4,360	14,976	250.00	....
38	Dundas	5,061	2,531	10,470	42,738	615.00	598.15
39	Durham	1,854	778	6,915	14,427	300.00	....
40	Elmira	2,075	1,112	7,063	10,759	250.00	....
41	Elora	1,195	449	10,786	15,445	240.00	....
42	Erin	500	133	3,594	3,563	60.00	....
43	Essex	1,800	714	5,443	7,477	350.00	....
44	Exeter	1,654	940	5,676	17,719	350.00	....
45	Fenelon Falls	1,060	263	3,161	6,657	180.00	....
46	Fergus	2,696	635	6,636	17,638	350.00	....
47	Flesherton	463	50	1,357	970	41.03	....
48	Fonthill	1,000	423	7,707	3,420	180.00	....
49	Forest	1,596	625	3,081	19,044	480.00	....
50	Fort Eric, Main	6,140	2,227	11,458	44,022	540.00	605.00
51	Branch					Included	in figures of
52	Fort Frances	5,806	1,349	5,706	37,124	833.50	330.00
53	Fort William, Main	24,371	11,285	45,174	212,017	1,999.92	7,084.54
54	Branch					Included	in figures of

LIBRARIES

Legislative Grants Paid in 1940

No.	Certificate of Librarianship		Municipal Appropriation	Municipal Appropriation per Capita	Legislative Grant Paid in 1940	Amount Expended on Books	Total Expenditure	Hours Library is Open per Week
	Librarian	Assistants						
			$ c.		$ c.	$ c.	$ c.	
1	....	....	646.13	.34	99.00	336.89	871.10	4
2	....	....	130.00	.27	28.29	36.15	186.09	6
3	....	....	600.00	.26	113.63	260.37	813.87	12
4	....	....	2,200.00	.76	138.26	482.98	4,533.00	35
5	....	....	300.00	.7	19.00	....	287.00	10½
6	....	....	286.17	.28	85.74	160.38	508.09	8
7	....	....	850.00	.30	126.71	380.75	1,115.94	11½
8	....	....	1,000.00	.46	134.85	501.76	1,271.80	12
9	....	....	350.00	.46	64.15	89.30	672.54	24
10	1	....	4,355.00	.51	208.23	1,153.03	4,969.99	33½
11	....	....	850.00	.71	137.17	201.82	884.96	15
12	for	1939						
13	....	....	100.00	.16	14.00	....	113.80	42
14	1	2	6,000 00	.48	209.00	1,846.85	7,400.97	66
15	....	....	200.00	.50	58.78	89.40	461.09	6
16	....	....	100.00	.15	53.33	61.68	259.86	10½
17	....	....	1,287.50	.45	139.12	517.56	1,681.62	27½
18	....	....	2,700.00	.48	159.00	582.59	3,213.01	35¾
19	....	4	12,500.00	.40	209.00	3,642.71	15,248.59	66
20	....	....	360.00	.24	72.96	170.61	516.36	12
21	....	....	5,997.00	.60	159.00	944.21	6,256.74	42
22	....	....	600.00	.80	59.11	75.89	671.93	37
23	....	....	350.00	.51	91.27	109.26	464.60	8
24	1	....	1,550.00	.52	209.00	607.06	1,941.21	39
25	....	....	300.00	.21	122.17	203.25	438.85	5
26	....	....	600.00	.14	133.57	222.53	703.51	22
27	....	....	100.00	.14	27.41	79.87	153.54	8
28	1	1	8,500 00	.50	209.00	1,719.03	9,269.67	66½
29	....	....	850.00	.49	99.00	284.91	1,220.71	9
30	....	....	125.00	.27	35.20	106.03	204.93	62
31	1	....	900.00	.48	195.57	410.87	1,587.72	30
32	....	....	2,450.00	.43	141.75	505.20	2,737.32	45
33	....	1	3,000.00	.22	159.00	1,220.05	3,175.36	43½
34	....	....	1,272.00	.50	120.76	226.67	1,012.62	12
35	....	....	316.00	.60	56.07	42.51	443.71	26
36	....	....	800.00	.50	159.00	286.19	1,193.54	35
37	....	....	550.00	.32	99.00	291.27	760.62	8
38	....	....	3,000.00	.60	143.70	435.70	3,359.63	30
39	....	....	800.00	.32	122.12	475.95	1,066.95	12
40	....	....	1,025.00	.49	149.77	237.18	1,236.27	14
41	....	....	737.83	.62	111.71	272.85	979.58	13
42	....	....	125.00	.25	25.66	19.82	195.03	6
43	....	....	900.00	.50	110.45	230.04	1,023.87	16
44	....	....	950.00	.57	123.23	375.28	1,180.24	15½
45	....	....	530.00	.50	82.02	213.90	439.42	9
46	....	....	1,000.00	.37	110.48	213.21	1,575.84	18
47	....	....	146.25	.32	52.28	83.33	142.57	11
48	....	....	400.00	.40	42.86	70.84	607.32	7
49	....	....	800.00	.50	101.23	155.09	1,147.75	30
50	....	....	2,000.00	.33	256.84	1,038.07	2,443.24	32
51	Main	Library						
52	1	....	2,200.00	.38	194.62	530.11	2,612.32	33
53	1	2	15,750.77	.65	419.00	2,115.40	16,989.73	108
54	Main	Library						

FREE PUBLIC

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Salary paid Librarians	Salaries paid Permanent Assistants
						$ c.	$ c.
55	Galt	14,219	7,643	13,666	88,549	1,200.00	1,695.00
56	Gananoque	3,628	2,300	6,740	28,433	600.00	192.00
57	Georgetown	2,250	739	5,301	7,588	300.00	....
58	Glencoe	729	484	4,218	11,031	250.00	....
59	Goderich	4,300	1,833	7,198	24,992	840.00	36.00
60	Gore Bay	800	200	1,483	3,046	104.00	25.00
61	Grand Valley	629	121	3,428	5,184	300.00	....
62	Gravenhurst	1,864	674	3,174	20,909	160.00	....
63	Grimsby	1,981	1,912	5,522	27,321	660.00	....
64	Guelph	21,714	11,254	37,247	216,298	1,400.00	4,433.25
65	Hagersville	1,369	275	3,893	6,163	200.00	....
66	Haileybury	2,735	647	5,119	17,098	260.00	....
67	Hamilton, Main	154,915	40,335	157,001	809,334	4,000.00	48,013.00
68	Barton Branch						
69	Kenilworth Branch					Included	in figures of
70	Locke St. Branch						
71	Mountain Branch						
72	Hanover	3,200	1,642	6,033	22,132	525.00	....
73	Harriston	1,326	894	6,401	21,331	480.00	....
74	Hensall	696	202	3,124	6,977	110.00	....
75	Hespeler	2,966	983	6,363	21,879	612.48	....
76	Hillsburg	400	212	2,464	5,373	96.00	....
77	Ignace	373	67	814	1,507	50.00	....
78	Ingersoll	5,207	3,560	10,496	46,789	900.00	....
79	Kemptville	1,250	798	4,565	10,669	200.00	....
80	Kenora	8,579	3,846	7,823	57,056	1,150.00	708.45
81	Kincardine	2,483	810	5,664	15,192	325.00	....
82	Kingston	25,792	15,566	35,072	238,912	2,000.00	7,674.50
83	Kingsville	2,500	350	6,946	5,555	412.08	....
84	Kitchener	33,450	10,349	43,449	251,998	2,400.00	5,548.00
85	Lakefield	1,330	476	2,676	8,208	175.00	....
86	Lanark	719	285	2,609	5,619	75.00	30.00
87	Lancaster	575	109	3,121	1,292	102.37	....
88	Leamington	5,000	1,521	9,924	30,300	720.00	150.00
89	Lindsay	7,241	2,797	19,001	70,991	720.00	625.00
90	Listowel	2,900	975	7,326	31,103	600.00	....
91	Little Britain	250	73	3,674	3,091	5.00	....
92	Little Current	1,100	409	1,405	2,381	72.00	....
93	London, Main	76,009	24,475	108,993	486,360	3,500.00	15,758.51
94	East Branch						
95	South Branch					Included	in figures of
96	South East Branch						
97	Lucknow	1,058	300	5,843	11,035	225.00	....
98	Markdale	752	448	3,839	7,292	137.00	....
99	Meaford	2,760	934	4,291	19,368	534.60	38.90
100	Merrickville	800	268	2,349	14,600	204.00	....
101	Merritton	2,691	925	8,613	10,781	524.04	....
102	Midland	6,627	3,800	17,229	63,820	550.00	1,517.49
103	Millbrook	723	225	3,082	24,435	125.00	....
104	Milton	1,800	797	7,375	9,552	300.00	....
105	Milverton	1,006	255	6,076	8,031	200.09	....
106	Mimico	7,000	2,927	7,477	53,110	950.00	850.00
107	Mitchell	1,666	486	5,287	15,897	300.00	....
108	Mount Dennis	9,670	5,562	6,830	66,836	676.00	520.00
109	Mount Forest	1,909	1,000	7,678	13,872	499.98	....
110	Newcastle	700	318	4,795	12,118	180.00	....
111	New Hamburg	1,400	687	4,270	15,376	260.00	....
112	New Liskeard	3,000	1,254	11,793	30,277	600.00	....

LIBRARIES

No.	Certificate of Librarianship		Municipal Appropriation	Municipal Appropriation per Capita	Legislative Grant Paid in 1940	Amount Expended on Books	Total Expenditure	Hours Library is Open per Week
	Librarian	Assistants						
			$ c.		$ c.	$ c.	$ c.	
55	1	2	7,109.50	.50	209.00	2,029.11	7,813.01	61
56	....	....	2,000.00	.55	145.87	874.60	2,316.45	36
57	....	....	1,000.00	.40	135.82	580.39	1,432.06	13½
58	....	....	500.00	.69	124.37	248.73	734.22	21
59	1	....	1,900.00	.44	158.00	466.13	2,385.26	42
60	....	....	200.00	.25	78.02	100.70	291.65	5
61	....	....	700.00	1.11	67.85	113.39	1,039.71	9
62	....	....	661.03	.35	110.00	406.68	887.31	8
63	....	....	1,200.00	.60	140.20	487.41	2,092.46	27½
64	....	....	10,400 00	.48	159.00	2,902.60	11,357.64	66
65	....	....	550.00	.40	140.47	211.31	667.08	9
66	....	....	989.25	.36	56.50	185.94	1,096.80	18½
67	1	28	78,843.00	.51	734.25	11,077.37	84,092.17	185
68								
69	Main	Library						
70								
71								
72	....	....	1,000.00	.31	137.87	558.35	1,268.02	33½
73	....	....	700.00	.53	138.97	356.06	1,373.09	35½
74	....	....	196.59	.28	95.74	197.42	336.67	12
75	1	....	1,765.36	.60	204.00	493.70	1,900.99	19
76	....	....	221.00	.55	51.54	112.02	335.02	8
77	....	....	78.33	.20	11.42	38.90	93.78	14
78	1	....	2,541.00	.49	209.00	1,005.89	3,064.04	35½
79	....	....	550.00	.44	137.80	222.63	1,178.36	14
80	....	....	4,200.00	49	159.00	1,276.77	4,635.53	34
81	....	....	900.00	.36	96.58	295.05	1,088.29	13
82	1	3	13,500.00	.52	209.00	3,039.91	15,836.54	66
83	....	....	800.00	.32	71.22	181.32	1,030.96	20
84	1	4	16,654.50	.50	209.00	5,156.45	18,087.84	58
85	....	....	354.43	.27	121.72	134.19	430.96	6½
86	....	....	200.00	.28	60.32	123.81	255.35	4
87	....	....	300.00	.52	20.00	....	219.66	4
88	....	....	2,200.00	.44	145.75	776.12	2,411.25	45½
89	....	....	3,600.00	.50	159.00	1,651.68	4,301.76	36
90	....	....	1,100.00	.38	128.31	415.05	1,293.57	42
91	....	....	100.00	.44	62.33	33.57	230.52	78
92	....	....	133.88	.12	71.07	139.95	212.50	4
93	....	10	41,360.00	.54	620.25	11,703.42	44,967.12	102
94								
95	Main	Library						
96								
97	....	....	507.50	.48	124.41	362.10	709.86	15
98	....	....	261.16	.35	79.64	182.63	671.43	10
99	....	....	1,500.00	.54	154.00	613.00	1,629.88	25
100	....	....	406.98	.51	75.88	174.30	429.65	57½
101	....	....	1,893.00	.70	109.27	313.84	2,039.56	14
102	1	....	3,788.93	.57	175.25	1,330.15	4,583.25	25
103	....	....	250.00	.35	77.66	83.82	408.49	8½
104	....	....	800.00	.44	99.00	429.95	838.51	7½
105	....	....	622.40	.62	110.90	184.96	793.20	11
106	....	....	4,000.00	.57	154.00	1,129.68	4,463.51	32½
107	....	....	600.00	.36	128.27	331.11	893.42	10
108	....	....	3,350.93	.35	135.59	911.09	3,531.39	30
109	....	....	954.50	.50	92.96	152.05	1,729.41	25
110	....	....	350.00	.50	140.57	240.58	812.63	7
111	....	....	800.00	.57	131.25	502.47	1,285.65	24
112	....	....	1,600.00	.53	139.90	697.57	2,212.09	45

FREE PUBLIC

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Salary paid Librarians	Salaries paid Permanent Assistants
						$ c.	$ c.
113	Newmarket	3,790	1,294	6,728	39,062	300.00	22.00
114	New Toronto	8,599	2,703	13,384	78,890	1,400.00	1,482.47
115	Niagara	1,250	236	9,321	6,984	283.35	....
116	Niagara Falls, Main	18,770	7,988	30,144	185,538	1,490.40	4,579.39
117	Branch					Included	in figures of
118	North Bay	15,841	7,899	18,053	106,651	1,440.00	2,100.00
119	Norwich	1,300	310	5,495	10,974	240.00	....
120	Norwood	715	345	2,108	10,198	198.78	....
121	Oakville	3,875	1,097	9,457	24,332	892.00	....
122	Oakwood	250	110	2,963	2,493	75.00	....
123	Oil Springs	514	86	1,740	13,143	50.00	....
124	Orangeville	2,764	675	9,576	11,501	720.00	....
125	Orillia	9,088	3,589	11,668	74,858	800.00	1,110.11
126	Oshawa	24,964	12,670	17,310	132,433	1,382.26	3,289.65
127	Ottawa, Main	144,202	30,155	163,947	508,838	4,125.00	33,701.32
128	Boys and Girls Branch						
129	Edinburgh Branch						
130	Rideau Branch					Included	in figures of
131	South Branch						
132	West Branch						
133	Otterville	2,645	147	3,750	2,791	104.00	....
134	Owen Sound	13,679	4,092	23,267	128,759	1,100.00	1,851.50
135	Paisley	729	244	3,341	5,701	288.36	....
136	Palmerston	2,500	725	5,009	7,394	360.00	....
137	Paris	4,409	1,549	15,495	37,501	800.00	38.25
138	Parkhill	998	592	3,845	8,390	200.00	....
139	Parry Sound	3,599	984	7,534	32,200	600.00	....
140	Pembroke	10,412	2,000	15,647	40,780	1,000.00	....
141	Penetanguishene	4,000	698	8,899	23,597	400.00	....
142	Perth	4,183	1,156	7,042	57,421	605.00	211.00
143	Peterborough	24,171	3,821	32,044	180,113	2,500.00	4,700.00
144	Petrolia	2,596	1,112	1,931	16,728	312.00	....
145	Picton	3,539	2,081	10,103	40,082	800.00	321.50
146	Porcupine-Dome	5,000	1,273	5,177	21,866	480.00	70.00
147	Port Arthur	21,748	4,519	16,242	117,688	1,560.00	4,664.00
148	Port Carling	623	225	2,864	5,771	225.00	....
149	Port Colborne	6,483	2,339	9,700	27,495	800.00	....
150	Port Elgin	1,374	550	5,423	7,974	250.00	....
151	Port Hope	4,300	2,191	11,730	27,132	750.00	227.50
152	Port Perry	1,150	641	3,748	7,626	180.00	....
153	Port Rowan	700	237	2,742	4,634	80.00	....
154	Prescott	2,925	1,238	13,055	26,194	444.00	241.00
155	Preston	6,337	2,431	10,492	61,056	780.00	535.00
156	Renfrew	5,376	2,421	15,314	49,765	725.00	120.00
157	Richmond Hill	1,296	1,000	4,565	7,691	242.00	....
158	Rittenhouse	500	275	2,763	2,763	....	11.90
159	St. Catharines	27,728	10,348	36,080	219,458	2,504.96	6,196.75
160	St. Edmunds	595	322	1,991	4,082	52.50	....
161	St. Jacobs	600	378	1,963	4,202	164.00	....
162	St Mary's	4,017	2,257	8,313	15,331	720.00	....
163	St. Thomas	16,392	6,109	29,772	160,422	1,725.00	3,520.83
164	Saltfleet Twp	6,158	1,874	7,076	32,372	300.00	167.50
165	Sarnia	18,241	9,236	27,624	166,345	2,100.00	3,764.84
166	Sault Ste. Marie	23,908	9,216	20,289	141,218	1,560.00	4,542.61
167	West Branch					Included	in figures of
168	Schreiber	1,140	258	1,408	8,097	150.00	....
169	Seaforth	1,800	333	3,989	11,092	420.00	....
170	Shelburne	1,018	298	6,416	11,059	207.50	....
171	Simcoe	6,263	2,700	15,082	58,025	891.67	478.80

LIBRARIES

No.	Certificate of Librarianship		Municipal Appropriation	Municipal Appropriation per Capita	Legislative Grant Paid in 1940	Amount Expended on Books	Total Expenditure	Hours Library is Open per Week
	Librarian	Assistants						
			$ c.		$ c.	$ c.	$ c.	
113	....	....	1,200.00	.32	138.77	499.24	1,347.81	10
114	1	1	5,300.00	.62	202.90	1,389.32	5,641.52	33
115	....	....	750.00	.60	127.45	215.63	838.40	8
116	1	4	11,012.24	.59	403.40	3,161.32	14,184.41	95
117	Main	Library						
118	1	....	7,250.63	.46	209.00	2,121.94	8,024.01	33
119	....	....	750.00	.58	94.87	237.70	850.76	8
120	....	....	400.00	.56	71.60	89.99	455.47	26
121	1	....	2,300.00	.59	177.97	376.18	2,630.75	31½
122	....	....	62.56	.25	46.55	82.10	160.21	6
123	....	....	150.00	.29	46.49	133.43	219.88	6½
124	....	....	2,000.00	.72	140.40	492.41	2,306.53	28¾
125	2	....	4,150.00	.46	204.00	1,248.40	5,127.49	35
126	1	3	9,000.00	.36	209.00	2,334.92	9,884.96	66
127	....	14	72,101.00	.50	866.38	17,301.16	75,362.46	259½
128								
129								
130	Main	Library						
131								
132								
133	....	....	231.91	.9	31.46	19.41	254.71	15
134	....	2	6,200 00	.45	209.00	1,520.65	6,911.13	48
135	....	....	300.00	.41	72.26	42.26	405.05	13½
136	....	....	1,175.00	.47	124.32	199.93	1,990.96	38½
137	....	....	1,900.00	.43	159.00	789.85	2,307.92	37
138	....	....	529.32	.53	118.92	302.20	1,045.43	18
139	....	....	1,300.00	.36	99.00	854.43	1,651.77	14
140	1	....	3,000.00	.29	209.00	901.72	3,473.63	26
141	....	....	1,200.00	.30	126.47	239.59	1,307.96	16
142	....	....	2,400.00	.57	159.00	766.69	2,842.50	33
143	1	3	13,200.00	.55	209.00	2,646.92	14,109.97	72
144	....	....	681.31	.27	78.14	182.61	800.04	30
145	1	....	3,125.00	.88	209.00	942.48	3,314.01	37½
146	....	....	1,500.00	.30	103.82	532.96	1,602.85	10½
147	1	2	13,400.00	.62	209.00	2,694.24	14,708.12	72
148	....	....	372.02	.60	78.28	93.06	490.03	8
149	....	....	1,764.17	.27	146.88	666.65	1,971.95	29
150	....	....	832.00	.60	35.20	81.89	1,259.84	25
151	1	1	2,000.00	.47	204.00	660.97	2,815.78	40
152	....	....	700.00	.61	77.61	131.40	1,005.92	14
153	....	....	300.00	.43	123.50	213.56	467.91	6
154	....	1	1,462.00	.50	177.99	312.18	1,754.56	12
155	....	1	3,211.00	.51	209.00	1,110.66	645.51	36
156	....	....	2,688.00	.50	159.00	813.29	2,735.42	27½
157	....	....	458.16	.35	109.71	212.42	615.02	7
158	....	....	102.00	.20	107.10	145.81	215.16	2
159	....	3	16,101.89	.58	209.00	3,669.90	24,818.27	63
160	....	....	130.00	.21	39.02	46.29	205.53	4
161	....	....	300.00	.50	96.58	150.28	928.70	10
162	....	....	1,700.00	.42	154.00	428.68	1,590.68	29½
163	1	3	11,204.80	.68	209.00	3,512.48	12,541.99	66
164	....	....	Twp. 1,200.00	.19	135.32	724.42	1,595.37	355
165	1	2	13,000.00	.71	209.00	3,781.50	13,831.91	66
166	1	3	12,603.45	.53	386.38	4,213.86	13,881.47	100½
167	Main	Library						
168	....	....	285.00	.25	92.08	100.38	366.13	71
169	....	....	951.22	.53	90.61	58.86	1,159.52	32½
170	....	....	700.00	.69	134.25	246.94	839.36	12
171	....	....	3,000.00	.48	159.00	1,307.08	5,454.16	31½

FREE PUBLIC

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Salary paid Librarians	Salaries paid Permanent Assistants
						$ c.	$ c.
172	Smith's Falls	8,000	2,864	13,365	15,706	900.00	157.00
173	South River	875	246	1,397	4,236	50.00	....
174	Springfield	387	147	2,676	3,837	107.50	....
175	Stayner	1,000	330	2,100	4,678	100.00	....
176	Stirling	935	272	5,738	10,295	325.00	....
177	Stouffville	1,195	637	6,822	12,264	349.90	....
178	Stratford	17,159	5,920	29,367	147,207	1,105.00	2,480.00
179	Strathroy	2,835	592	5,399	15,204	600.00	....
180	Streetsville	630	434	3,548	12,312	216.00	....
181	Sudbury	29,186	1,851	7,114	54,837	1,600.00	1,720.00
182	Sundridge	600	196	1,528	2,647	....	40.00
183	Sutton	806	492	4,543	5,072	130.00	....
184	Swansea	5,600	840	5,254	17,880	490.00	126.00
185	Tara	510	125	3,051	3,401	166.00	....
186	Tavistock	1,150	352	6,884	6,803	234.00	....
187	Teeswater	840	104	6,473	3,953	199.98	....
188	Thamesville	826	212	4,162	7,520	175.00	....
189	Thorold	5,000	767	7,771	19,608	600.00	375.00
190	Tilbury	1,989	527	2,668	7,441	324.00	....
191	Tillsonburg	3,945	1,908	5,155	32,417	660.00	69.55
192	Timmins	26,345	9,008	19,634	83,022	1,380.00	2,812.10
193	Toronto, Main	649,123	183,655	621,230	3,983,224	6,000.00	244,242.77
194	Beaches Branch						
195	Bloor-Gladstone Br.						
196	Boys and Girls Branch						
197	Danforth Branch						
198	Deer Park Branch						
199	Downtown Branch						
200	Earlscourt Branch						
201	Eastern Branch						
202	Exhibition Park					Included	in figures of
203	Gerrard Branch						
204	High Park Branch						
205	Northern Branch						
206	Queen-Lisgar Branch						
207	Riverdale Branch						
208	Runnymede Branch						
209	Western Branch						
210	Wychwood Branch						
211	Yorkville Branch						
212	Trenton	7,234	3,997	13,015	50,502	1,049.96	590.00
213	Uxbridge	1,325	347	7,381	12,377	60.00	....
214	Walkerton	2,450	731	10,605	24,820	600.00	....
215	Wallaceburg	4,783	1,940	7,250	35,526	624.00	450.00
216	Waterford	1,200	433	2,464	9,276	260.00	....
217	Waterloo	8,537	3,743	16,846	63,211	1,300.00	868.38
218	Watford	1,010	475	5,713	11,638	300.00	....
219	Welland	11,205	2,875	13,979	65,359	1,200.00	756.00
220	Weston	5,102	4,230	10,865	63,774	1,080.00	600.00
221	Whitby	4,236	1,382	6,031	26,572	500.00	....
222	Windsor, Carnegie	104,007	27,446	92,428	606,054	2,500.00	28,456.76
223	Willistead						
224	J. Richardson Branch						
225	Hugh Beaton Branch						
226	Sandwich Branch					Included	in figures of
227	Prince Edward Br.						
228	Victoria Ave. Branch						
229	J. E. Benson Branch						
230	Wingham	2,149	1,005	8,673	12,777	480.00	....
231	Woodstock	11,578	3,515	23,609	94,668	960.00	1,447.75
	Totals	2,057,359	653,071	2,781,941	13,034,104	121,671.01	472,359.31

LIBRARIES

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	Librarian	Assistants						
			$ c.		$ c.	$ c.	$ c.	
172	....	....	3,500.00	.44	159.00	1,163.59	4,142.16	42
173	....	....	100.00	.11	70.14	106.38	170.89	3
174	....	....	100.00	.26	54.37	63.69	195.60	6
175	....	....	300.00	.30	80.16	147.06	425.03	16
176	....	....	445.01	.48	125.32	253.62	834.50	18
177	....	....	585.00	.49	81.55	142.94	873.18	27½
178	....	1	8,579.50	.50	209.00	2,243.22	9,659.01	66
179	....	....	1,000.00	.35	140.00	332.80	1,483.30	32
180	....	....	300.00	.48	81.78	143.04	512.30	12
181	1	2	7,350.00	.25	209.00	2,144.59	8,049.46	39½
182	....	....	90.79	.15	39.91	114.43	172.51	4
183	....	....	400.00	.50	69.14	134.92	484.37	7
184	....	....	900.00	.16	99.00	311.57	1,013.22	10
185	....	....	275.00	.54	38.29	55.47	374.60	14
186	....	....	660.00	.57	93.96	186.63	1,133.62	36
187	....	....	630.00	.75	102.81	239.15	892.51	24
188	....	....	250.00	.30	112.68	183.52	469.41	23
189	....	....	2,400.00	.44	104.76	190.25	2,649.03	27½
190	....	....	750.00	.38	109.22	184.52	843.97	18
191	....	....	1,800.00	.46	119.40	474.32	2,232.61	30½
192	1	1	10,500.00	.40	204.00	3,692.58	11,412.02	45
193	1	139	367,698.00	.72	2,579.90	70,495.00	505,277.54	698
194								
195								
196								
197								
198								
199								
200								
201								
202	Main	Library						
203								
204								
205								
206								
207								
208								
209								
210								
211								
212	....	....	3,000.00	.41	154.00	928.82	3,657.72	25
213	....	....	500.00	.37	121.84	166.20	1,404.28	12
214	....	....	1,200.00	.49	133.12	515.56	2,017.02	29½
215	....	....	2,457.50	.51	143.83	534.98	2,716.52	69
216	....	....	600.00	.50	62.06	180.70	1,023.49	13
217	1	1	4,695.35	.50	209.00	1,160.75	5,698.12	30
218	....	....	600.00	.59	66.09	115.94	787.76	37
219	....	....	5,966.95	.53	159.00	1.484.11	6,441.82	30
220	1	....	3,200.00	.63	190.25	761.65	3,513.59	25
221	....	....	1,929.19	.46	138.75	658.77	2,049.13	32½
222	1	11	55,440.00	.53	1,003.50	10,848.17	58,326.70	206½
223								
224								
225								
226	Main	Library						
227								
228								
229								
230	....	....	1,000.00	.47	147.15	308.20	1,196.61	27½
231	....	2	5,709.00	.49	209.00	2,179.74	6,506.31	61
	35	257	1,050,178.89	....	29,473.66	247,401.53	1,283,526.40	....

ASSOCIATION PUBLIC LIBRARIES

Showing Statistics, 1939, and Legislative Grants Paid in 1940

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours	Legislative Grant	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
1	Agincourt	500	163	4,598	6,130	3	114.80	204.78	311.86
2	Allenford			No	report for	1939			
3	Alliston	1,400	170	2,729	4,053	15	32.94	34.95	194.55
4	Alton	500	43	3,747	929	3	22.59	24.51	87.55
5	Alvinston	650	140	1,623	4,130	11½	17.12	....	830.45
6	Apple Hill	400	72	1,446	1,072	2	35.77	47.55	71.10
7	Arkona	400	51	3,379	3,633	5	53.88	63.62	205.42
8	Athens	700	170	6,079	3,233	3	19.72	99.30	154.65
9	Atwood	500	86	955	1,334	84	33.15	13.86	90.31
10	Auburn	200	177	2,182	1,741	4	20.53	29.55	138.13
11	Badjeros			No	report for	1939			
12	Bala	400	131	1,182	1,048	10	20.91	32.25	140.76
13	Bancroft	1,050	367	4,661	14,140	8	112.59	242.31	402.80
14	Bayfield	350	103	1,942	2,085	72	21.41	27.15	116.78
15	Bayham	100	34	970	475	69	19.97	21.94	100.29
16	Baysville	390	61	1,834	2,005	2	25.98	46.21	82.61
17	Beachville	500	33	2,868	1,635	4	9.00	14.00	94.74
18	Beechwood	970	30	1,794	823	54	18.30	32.67	68.72
19	Belmore	150	31	810	2,145	52	11.90	14.86	35.96
20	Belwood	200	35	3,624	502	14	9.00	....	76.35
21	Birch Cliff	1,893	134	3,068	7,135	2½	52.91	76.57	194.57
22	Blackwell			Or	ganized in	1940			
23	Blenheim	1,650	157	7,792	9,675	22	110.73	187.78	1,139.73
24	Blind River	2,700	215	2,986	5,969	4	60.88	111.98	214.12
25	Bloomfield	653	133	3,693	6,809	9½	93.00	148.52	377.26
26	Blyth			No	report for	1939			
27	Bobcaygeon	1,013	179	4,773	7,381	10	115.31	154.90	376.41
28	Bolton	582	35	3,795	2,276	2½	10.00	....	41.06
29	Bond Head	200	39	885	545	19	38.36	58.02	96.69
30	Bowmanville	4,000	330	9,076	15,502	33	138.12	328.05	875.32
31	Bradford	1,000	59	3,048	4,658	4	17.77	28.45	89.35
32	Brigden	500	186	754	3,760	6	19.74	19.51	95.19
33	Bronte	500	30	1,748	1,695	1	35.86	65.76	78.36
34	Brooklin	500	47	3,143	4,803	6	32.95	56.34	157.30
35	Brougham	200	35	1,590	1,519	72	21.08	32.79	80.09
36	Brownsville	250	129	1,991	3,083	4½	29.48	23.06	152.77
37	Brucefield	300	36	2,018	580	19	10.50	34.55	79.80
38	Burgessville	225	50	2,406	2,034	6	15.00	....	135.23
39	Burlington	3,400	326	6,355	22,046	8	115.35	361.52	847.76
40	Byron	450	72	631	3,056	2	36.49	63.94	43.94
41	Caledon	300	34	3,592	492	2	9.00	21.90	65.06
42	Caledonia	1,250	102	1,437	2,039	3½	53.99	89.03	125.09
43	Callander	1,200	65	1,737	2,798	6	10.00	35.00	40.75
44	Cambray	2,700	30	3,408	1,390	7	10.00	....	43.61
45	Camden East	200	51	2,278	2,867	2	23.24	10.69	94.28
46	Canfield	720	51	664	2,236	78	4.00	....	22.18
47	Cannington	790	80	4,344	5,332	15	43.04	37.25	171.00
48	Cargill	175	31	3,723	523	4	10.00	....	78.31
49	Carlisle	....	31	1,252	1,379	78	20.81	24.07	70.08
50	Castleton	500	30	647	741	2	10.00	....	28.09
51	Chapleau	2,200	142	2,878	7,574	6	50.17	98.62	287.22
52	Chatsworth	300	52	1,853	2,696	63	11.95	21.66	89.06
53	Cheapside	200	42	3,275	1,810	20	10.00	25.58	61.23
54	Chesterville	1,000	45	1,167	565	2	15.00	1.60	109.31
55	Claremont	455	55	3,722	1,639	12	51.20	79.18	154.99
56	Clarksburg	400	82	4,557	3,529	21	74.80	194.83	396.63
57	Clarkson	2,000	133	1,842	1,333	1	74.29	76.80	81.48
58	Claude	50	37	3,350	175	......	7.32	9.04	10.89
59	Cobourg	5,500	280	6,855	21,493	20	108.38	392.61	1,096.96

ASSOCIATION PUBLIC LIBRARIES

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours	Legislative Grant	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
60	Cochrane..........	3,000	40	7,716	8,008	7	92.77	176.47	320.85
61	Colborne...........	1,000	165	2,570	10,682	12	46.89	87.90	252.07
62	Coldstream.........	100	40	2,584	815	80	51.99	36.49	127.29
63	Coldwater..........	607	94	2,329	2,102	24	53.18	66.28	315.41
64	Comber............	600	59	4,664	4,374	8½	71.95	103.44	312.75
65	Coniston...........	2,000	91	1,895	1,261	6½	25.87	1.76	31.57
66	Cookstown..........	550	....	....	....	......	....	....	25.59
67	Copper Cliff.........	3,800	1,653	7,968	8,575	14	11.98	23.96	514.76
68	Corunna...........			Library or	ganized in	1940			
69	Cottam............	300	108	2,809	2,731	10	40.46	76.41	160.30
70	Courtright..........	320	236	1,320	7,866	66	37.28	37.07	127.11
71	Creemore..........	617	38	1,332	2,867	7	15.00	....	125.29
72	Deloro.............	300	108	987	3,246	1	66.56	30.10	56.65
73	Delta..............	400	43	1,793	1,122	16	12.24	9.90	75.24
74	Depot Harbour......	350	64	3,634	2,568	1	43.76	123.84	147.89
75	Dorchester..........	500	97	2,654	6,356	15	33.88	60.26	261.17
76	Drumbo...........	500	53	5,040	1,949	16½	15.00	....	127.18
77	Dundalk...........	650	73	2,640	2,038	62½	35.64	53.91	162.11
78	Dungannon.........	500	71	3,042	4,383	60	58.52	120.41	177.44
79	Dunnville..........	3,959	282	8,641	12,590	20½	86.67	256.89	769.51
80	Dutton............	800	200	5,429	11,090	14	111.57	206.27	537.10
81	East Linton.........			No	report for	1939			
82	Elk Lake...........	600	26	339	258	2	....	43.21	50.10
83	Elmwood..........	250	109	2,739	853	6	27.99	36.85	95.17
84	Embro.............	450	48	4,378	2,241	6	17.35	4.88	163.31
85	Emo..............	1,160	37	1,360	1,460	39	33.33	48.19	149.81
86	Englehart..........	1,200	35	1,207	1,971	2	15.49	36.54	44.77
87	Ennotville..........	600	53	4,659	660	2	39.18	60.02	193.74
88	Espanola...........	800	230	5,204	1,676	2	23.60	46.34	127.25
89	Ethel..............			No	report for	1939			
90	Fenwick...........	2,000	57	3,013	3,152	7	18.03	84.54	123.30
91	Flinton............			Library or	ganized in	1940			
92	Fordwich..........	500	66	1,015	3,429	10	10.00	....	96.01
93	Foresters Falls.......	550	32	2,674	570	65	13.62	18.00	69.09
94	Frankford..........	1,000	210	3,527	5,128	8	122.31	173.46	373.15
95	Fulton............	800	30	645	411	78	24.10	55.51	59.66
96	Glamis.............	100	32	1,078	586	8	19.54	50.81	88.58
97	Glanworth..........	500	91	2,515	3,077	4½	37.47	40.28	156.82
98	Glen Allen.........	700	34	1,235	2,414	54	15.85	16.30	45.80
99	Glen Morris.........	200	58	3,319	1,239	72	29.62	25.15	217.77
100	Goodwood.........	350	46	851	321	2	14.00	8.00	25.87
101	Gore's Landing......	200	77	2,440	588	1½	58.98	87.71	90.19
102	Gorrie.............	300	36	1,734	2,001	4	10.00	....	41.49
103	Grafton............	200	68	2,832	2,820	7	44.66	90.06	155.78
104	Granton...........	450	65	1,665	3,085	72	22.14	53.74	119.44
105	Haliburton.........			No	report for	1939			
106	Harrietsville........	77	44	3,203	1,739	60	37.55	57.52	117.79
107	Harrington.........	100	35	2,787	1,374	54	28.16	47.55	94.37
108	Harrow............	1,032	85	2,862	3,965	10	103.47	103.87	506.74
109	Harrowsmith........	225	34	1,154	2,400	2	15.00	....	41.99
110	Havelock..........	1,300	57	510	1,037	4	11.21	39.50	40.57
111	Hawkesbury........	6,125	50	773	7,675	12	128.20	229.85	412.09
112	Hepworth..........	300	44	945	730	11½	10.00	....	64.56
113	Hickson...........	250	190	1,873	3,271	6	59.45	90.26	169.64
114	Highgate...........	350	102	2,666	4,275	21	136.66	147.02	351.46
115	Highland Creek......	960	44	2,065	588	1½	5.00	....	6.00
116	Hillsdale...........			No	report for	1939			
117	Hilton Beach........	350	104	2,210	3,035	6	35.75	63.04	198.23

ASSOCIATION PUBLIC LIBRARIES

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours	Legislative Grant	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
118	Holstein			No	report for	1939			
119	Honeywood	100	31	1,409	338	84	24.22	25.05	57.69
120	Humber Bay	2,250	107	2,954	2,458	2	33.07	51.32	62.80
121	Huntsville	2,742	186	4,035	6,905	15	38.44	113.00	574.52
122	Hyde Park	200	274	157	1,524	50	17.53	15.07	30.41
123	Hyndford	400	81	2,210	2,527	19	39.97	14.94	111.79
124	Ilderton	500	54	2,178	4,146	14	83.95	157.11	256.97
125	Inglewood	250	49	1,762	2,624	2	18.95	56.43	83.43
126	Inwood	206	100	1,746	2,406	11	14.00	....	192.16
127	Iroquois	1,000	52	3,041	1,449	6	31.13	54.81	168.73
128	Iroquois Falls	1,345	187	5,914	9,475	7½	103.75	327.61	737.25
129	Ivanhoe	550	30	905	1,185	72	25.67	30.60	66.76
130	Jarvis	570	98	4,210	3,148	9	26.26	55.20	168.72
131	Kars			No	report for	1939			
132	Kearney	294	60	1,135	5,200	2	13.35	59.70	84.15
133	Kemble	275	49	2,078	1,545	3	20.22	33.30	137.82
134	Kimberley	375	48	688	465	2	14.61	33.20	52.22
135	Kinsale	100	43	1,172	600	2½	14.78	23.82	36.02
136	Kintore	300	54	3,048	3,901	74	81.99	80.48	270.72
137	Kirkfield	200	79	2,121	2,890	19	46.06	98.86	120.16
138	Kirkland Lake	25,000	1,198	5,911	45,829	45	199.25	1,298.70	4,747.74
139	Kirkton	180	129	2,103	4,033	27	61.54	93.39	249.93
140	Komoka	200	71	2,049	2,203	72	14.00	....	106.91
141	Lakeside	3,000	38	2,015	4,964	84	48.68	76.43	136.09
142	Lambeth	500	61	2,406	5,800	8	74.27	108.77	263.48
143	Lefroy	2,950	30	2,029	1,044	4	11.80	13.89	53.29
144	Linwood	500	50	943	2,065	5½	22.74	21.54	94.84
145	Londesborough	150	30	573	1,568	84	12.04	20.99	48.82
146	Lorne Park	900	67	2,072	572	2	10.86	15.32	37.37
147	Lucan	613	86	2,255	2,703	8½	45.80	36.99	313.37
148	Madoc	1,000	145	4,848	9,807	8½	42.11	50.00	284.21
149	Mandaumin	400	41	2,536	1,605	3	62.55	72.72	203.00
150	Manilla	200	144	6,888	2,532	19	57.29	96.00	433.63
151	Manitowaning	280	136	291	568	63	35.90	51.81	74.69
152	Manotick	1,000	32	2,237	2,500	5	9.00	16.00	71.61
153	Markham	1,100	77	4,123	3,402	6	25.54	147.11	474.30
154	Marmora	1,013	477	4,206	12,001	12	87.42	194.31	611.06
155	Martintown	400	37	1,598	650	3	11.27	9.70	38.65
156	Maxville	760	30	1,512	1,133	4	14.41	39.91	143.21
157	Maxwell			No	report for	1939			
158	Melbourne	200	60	1,593	1,685	8	9.00	25.55	116.97
159	Mildmay			No	report for	1939			
160	Millbank	500	31	1,722	672	3	9.00	11.55	78.02
161	Millgrove	150	31	1,649	720	2	12.06	16.12	39.05
162	Minden	300	34	2,572	368	2	14.03	34.52	86.42
163	Monkton	400	33	1,821	1,441	6	18.73	25.00	76.28
164	Mono Road	105	49	3,158	1,899	4	18.12	30.77	124.95
165	Moorefield	260	40	1,118	1,044	63½	10.00	25.25	74.32
166	Morrisburg	1,840	150	4,791	6,525	8	84.52	146.77	471.89
167	Morriston	200	47	2,489	864	54	14.96	69.53	120.23
168	Mount Albert	350	55	2,258	2,802	10½	22.31	22.54	168.45
169	Mount Brydges			No	report for	1939			
170	Mount Elgin	130	40	1,350	2,042	4	28.82	40.90	141.50
171	Nanticoke			No	report for	1939			
172	Napanee	3,416	276	8,345	20,928	31	143.50	475.52	1,676.80
173	Napier	150	22	955	803	72	15.00	32.67	50.91
174	Newburg	430	75	2,593	2,150	4	21.74	25.32	136.72

ASSOCIATION PUBLIC LIBRARIES

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours	Legislative Grant	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
175	Newbury...........	275	55	1,701	1,531	5½	37.34	54.77	96.51
176	New Dundee........	350	80	1,729	4,228	60	27.21	28.99	83.79
177	Newington..........	235	33	2,427	2,226	2	18.04	31.16	127.47
178	New Lowell.........	200	43	1,163	1,129	4	13.24	14.93	70.62
179	Norland............	485	173	3,696	2,101	82	10.00	7.60	42.10
180	North Gower........	350	41	1,721	3,898	24	36.04	34.65	93.37
181	Odessa..............	700	33	1,668	1,500	73	28.25	....	143.94
182	Omemee............	600	62	2,027	2,412	6	59.17	49.54	220.04
183	Orono..............	700	77	2,786	4,677	8½	25.64	84.97	142.34
184	Osgoode............	800	87	1,690	5,301	2	21.14	65.69	82.21
185	Palermo............			No	report for	1939			
186	Park Head..........	150	32	1,205	898	75	14.82	19.45	62.40
187	Pickering...........	600	147	2,756	3,862	11	37.25	41.34	179.56
188	Pinkerton...........	....	30	2,095	545	4	16.96	17.71	72.70
189	Plattsville...........	500	150	1,120	2,063	21	14.00	....	131.45
190	Plympton...........	370	30	1,611	3,583	3½	29.48	30.96	112.93
191	Point Edward.......	1,200	72	4,561	4,251	4	19.09	54.67	140.55
192	Port Burwell........	700	57	245	578	81	60.00	....	76.77
193	Port Credit..........	1,500	324	6,001	6,597	5	35.62	133.73	294.43
194	Port Dalhousie......	1,500	119	3,400	9,300	7	39.00	14.45	139.92
195	Port Dover..........	1,600	203	4,440	8,975	27	123.17	233.44	618.94
196	Port Lambton.......	1,000	39	975	2,159	72	12.50	....	81.23
197	Port Stanley.........	750	163	3,527	4,829	19½	39.19	49.59	327.22
198	Powassan...........	700	112	3,202	1,503	7	31.80	75.10	163.31
199	Princeton...........	350	60	2,647	5,870	5	73.75	108.43	329.12
200	Queensville..........	300	30	2,322	1,188	5	10.25	12.38	56.98
201	Rebecca............	165	53	917	2,405	84	41.38	104.89	139.23
202	Ridgetown..........	1,987	223	5,350	10,269	12	137.29	244.30	638.49
203	Ridgeway...........	1,000	294	4,084	5,656	7	102.50	253.13	626.27
204	Riverside...........	5,200	50	231	....	6	124.60	183.06	259.93
205	Rockland...........	2,119	75	758	147	42	39.24	12.25	89.85
206	Rodney.............	786	168	2,362	5,709	8	29.77	21.80	133.85
207	Romney............	1,456	76	5,371	3,269	78	51.97	73.94	141.35
208	Rossdale............	150	42	1,834	3,573	42	28.89	53.30	130.89
209	St. George..........	600	105	7,599	2,725	66	19.00	....	156.24
210	St. Helens...........	200	46	2,817	509	2½	20.22	30.90	61.14
211	Scarborough.........	500	40	7,332	1,378	2 B.M.	62.11	132.91	149.85
212	Schomberg..........	390	43	826	1,686	2	15.39	31.96	92.91
213	Scotland............	400	72	2,647	1,451	8	21.66	29.65	165.78
214	Shedden............	400	35	3,453	2,342	6	21.25	27.44	139.09
215	Sheguiandah.........	200	35	750	694	48	11.81	32.04	49.62
216	Shetland............	....	48	1,812	3,285	13	12.75	....	81.28
217	Singhampton........	401	30	799	317	84	5.00	....	17.50
218	Smithville...........	600	72	2,322	1,446	10	28.97	45.60	171.84
219	Solina..............	300	45	1,177	511	5	16.52	19.20	25.57
220	Sombra.............	400	31	1,508	394	63	40.46	50.93	148.24
221	Southampton........	1,935	229	8,410	3,938	6	68.41	209.17	297.27
222	South Mountain.....	250	30	1,087	2,621	78	10.00	....	48.45
223	South Woodslee......	250	34	1,452	1,953	4	18.99	46.45	127.18
224	Sparta..............	250	53	1,385	2,062	78	39.02	9.79	110.94
225	Sprucedale..........	275	30	1,134	1,720	1	16.87	54.21	77.07
226	Stevensville.........	400	32	1,685	711	4	15.00	....	112.61
227	Strathcona..........	200	30	2,402	951	2	29.61	41.22	65.68
228	Stratton............	123	33	1,152	1,500	3	18.80	51.12	84.20
229	Sunderland..........	438	85	2,459	2,110	3	15.97	64.20	118.76
230	Sydenham...........	650	52	3,153	2,523	12	41.50	.86	280.86
231	Thamesford.........	510	113	1,773	5,849	6	54.62	112.37	239.46

ASSOCIATION PUBLIC LIBRARIES

No.	Library	Population	Borrowers	Volumes in Library	Circulation	Hours	Legislative Grant	Amount Expended on Books	Total Expenditure
							$ c.	$ c.	$ c.
232	Thedford	500	85	2,412	7,646	11	70.37	145.51	280.25
233	Thessalon	1,617	76	1,078	5,204	6	52.59	101.45	226.77
234	Thornbury	800	84	3,245	5,100	16	102.25	233.13	632.78
235	Thorndale	300	38	2,315	1,142	12½	15.00	....	124.00
236	Thornhill	700	80	1,196	2,413	4½	64.70	101.73	131.29
237	Thornton	250	50	366	301	8	11.64	41.16	60.60
238	Tiverton	250	70	2,434	3,988	4	15.00	41.24	101.54
239	Tottenham	557	83	3,333	2,406	27	26.51	62.40	195.93
240	Tweed	1,350	120	4,091	3,722	5½	52.32	100.89	372.80
241	Underwood	300	43	2,360	2,596	71	14.91	34.07	88.10
242	Unionville	600	81	2,909	3,459	2	43.86	87.37	193.89
243	Vankleek Hill	1,600	74	1,476	2,430	9	44.92	115.10	243.41
244	Varna	500	30	1,645	1,004	14	31.76	82.84	132.29
245	Victoria	....	34	3,966	613	2	15.00	....	83.26
246	Victoria Road			No	report for	1939			
247	Vittoria	250	174	1,181	3,927	78	99.93	131.66	215.61
248	Wardsville	233	30	2,808	3,242	6	54.98	73.20	165.43
249	Warkworth	500	81	2,833	3,786	8	14.81	28.88	119.50
250	Waterdown	940	53	2,147	2,325	6	22.10	67.41	134.67
251	Wellburn	254	51	684	977	4	26.42	34.64	55.12
252	Wellesley	445	59	2,955	2,230	3½	29.76	37.78	158.59
253	Wellington	950	149	3,646	9,563	11½	66.06	126.89	423.22
254	West Lorne	800	56	1,651	2,217	9	45.07	60.15	196.93
255	White Lake	90	30	1,004	422	7	15.00	....	12.30
256	Whitevale	250	33	1,810	1,256	3	29.92	44.72	82.07
257	Wiarton	1,760	118	4,481	3,251	25½	73.68	106.69	470.92
258	Williamstown			No	report for	1939			
259	Winchester	1,045	50	3,031	4,302	9	16.30	52.41	62.50
260	Woodbridge	800	77	3,679	4,624	1½	9.00	....	31.92
261	Woodville	425	32	2,434	1,281	15	42.61	69.92	266.36
262	Wroxeter	400	49	6,507	1,507	3½	15.00	....	54.41
263	Wyoming	528	340	3,286	11,296	58	119.00	199.84	368.39
264	Zephyr	650	31	2,139	926	2½	9.37	20.46	61.04
	County Library Associations								
265	Elgin County	....	....	868	6,414	......	120.00	367.02	427.85
266	Essex County	....	....	....	....	......	320.00	....	....
267	Lambton County	....	....	5,818	41,646	......	750.00	810.77	1,821.20
268	Middlesex County	....	....	3,327	39,087	......	700.00	721.99	859.35
269	Oxford County	....	....	729	7,832	......	170.00	256.28	316.69
270	Simcoe County	....	....	....	....	......	270.00	....	....
271	Howick Township	....	....	931	7,500	......	33.82	138.24	147.52
	Totals	212,476	23,437	656,583	939,163	......	11,751.59	19,215.84	53,572.85

NOTE:—County and Township Library Association fees have not been included in the column under "Amount expended on books."

APPENDIX L

REPORT OF THE PROVINCIAL SUPERVISOR OF MUSIC

During 1940, Music has continued to spread throughout the schools of the Province. Statistics attached to this report show that on June 30th, 12,344 or 71% of the Public and Separate School classrooms were receiving regular Music instruction under the supervision of qualified teachers. This represents an increase of 587 rooms over last year. Many other rooms participate in singing under the leadership of their own teachers. Two hundred and ninety-two secondary schools provided a course in Music, an increase of 31 over last year. Four additional secondary schools provided a course in Music but failed to qualify for special grants.

Music festivals have been held in many parts of the Province, the approximate number being as follows: Competitive, 33; Non-competitive, 20; Combined Concerts, 68; Total, 121. These festivals have greatly stimulated the Music in the schools and have given the public an opportunity to judge the progress of Music through the performance of the children.

The Department again gave active support to the Ontario Educational Association in presenting an evening concert at Massey Hall, Toronto, on the Friday after Easter. The programme was supplied by the Ontario secondary school orchestra under Leslie R. Bell, M.A., Toronto; the Ontario secondary school choir under Donald Wright, B.A., London; and the Ontario elementary school choir under George Smale, Brantford. Approximately 500 children from all parts of the Province participated.

The Summer Courses in Music at Toronto and London offered 9 regular courses, with an attendance as noted below:—

Year	Toronto	London	Total
1935	264	145	409
1936	362	191	553
1937	481	238	719
1938	614	356	970
1939	597	413	1,010
1940	554	342	896

The reduced enrolment in 1940 may be attributed to the fact that the need for new teachers is not so great as formerly. The outbreak of War and the discontinuing of special Music Grants to teachers also contributed to this result.

During the year the following literature was prepared and distributed:—

School Music Festivals.
Suggested Festival Songs.
Advice for Contestants.
List of Books on Music Appreciation.

Detailed Syllabus of the London Summer School.
Supervisors' Agreement Forms.
Music in Rural Schools (revised).
Syllabus of the Summer Courses (revised).
Special Departmental Grants (revised).

Statistics.—The following statistical information concerns the school year ending June 30th, 1940, and includes only those schools earning special grants for the teaching of Music. Many others make provision for Music, but are not at present qualifying for the grant.

In some parts of the Province changes in boundaries of inspectorates during the past few years make it difficult to show by comparative figures the development of Music in those areas.

City Inspectorates	Total No. of Rooms	Rooms with Music				
		1935-36	1936-37	1937-38	1938-39	1939-40
Brantford	101	8	9	102	101	101
Chatham	56	55	56	56	56	56
Hamilton	533	546	546	543	533	533
Kitchener	103	107	107	104	103	103
London	233	242	245	241	233	233
Ottawa	287	286	286	285	287	287
Peterborough	75	76	76	76	75	75
St. Catharines	90	91	91	90	90	90
Sarnia	64	10	....	28	64	64
Toronto	1,982	2,053	2,053	1,991	1,982	1,982
Welland	54	12	....	....	54	54
Windsor	312	315	315	312	312	312
Totals	3,890	3,801	3,784	3,828	3,890	3,890
Percentage of rooms with Music	....	95	95	97.7	100	100
County Inspectorates						
Brant and Norfolk	112	47	58	61	72	72
Bruce East, etc.	99	26	55	80	89	88
Bruce West	113	31	71	90	109	109
Carleton	177	65	50	57	84	94
Dufferin	108	98	83	87	90	83
Dundas	100	4	5	11	22	48
Durham (in part), Oshawa	151	....	....	....	151	152
Elgin and St. Thomas	202	27	47	52	152	185
Essex (No. 1)	128	20	24	48	65	70
Essex (No. 2)	127	38	47	89	105	109
Frontenac North, etc.	76	....	16	32	33	33
Frontenac South (No. 1)	90	23	35	49	68	69
Frontenac South (No. 2) and Kingston	103	80	80	89	91	92
Glengarry (in part), etc.	96	....	19	41	82	82
Grey East	111	47	67	81	97	99
Grey North, etc., and Owen Sound	125	90	93	109	114	110
Grey South	117	2	52	51	90	91
Haldimand	113	20	35	81	95	105
Halton	121	80	95	100	100	108
Hastings Centre	103	26	27	29	63	65
Hastings North	85	....	....	....	14	35
Hastings South and Belleville	117	58	44	76	101	111
Huron East	110	45	47	48	93	95

County Inspectorates	Total No. of Rooms	Rooms with Music				
		1935-36	1936-37	1937-38	1938-39	1939-40
Huron West	120	28	59	108	108	112
Kent	174	....	....	....	163	163
Lambton (No. 1)	108	12	39	62	72	76
Lambton (No. 2)	109	26	34	71	88	94
Lanark	189	45	71	85	110	113
Leeds and Grenville (No. 1)	92	38	49	51	61	65
Leeds and Grenville (No. 2)	105	7	20	54	69	73
Leeds and Grenville (No. 3)	96	3	8	17	80	89
Lennox and Hastings South	85	1	18	32	31	48
Lincoln (in part)	117	55	84	91	108	111
Middlesex East, etc.	120	66	78	105	108	103
Middlesex West	121	30	41	55	85	93
Norfolk (in part)	122	67	77	89	94	93
Northumberland and Durham (No. 1)	116	....	....	....	114	108
Northumberland and Durham (No. 2)	113	71	77	101	110	110
Ontario North, etc.	102	27	50	42	56	58
Ontario South	100	56	62	50	70	76
Oxford North and Woodstock	111	49	90	105	108	106
Oxford South, etc.	114	74	88	109	109	110
Peel	126	100	102	138	97	115
Perth North, etc.	110	73	90	95	103	111
Perth South and Stratford	119	93	91	99	111	114
Peterborough East	99	66	64	77	75	77
Peterborough West, etc.	97	26	55	65	67	67
Prescott and Russell (No. 1)	66	....	8	28	34	35
Prescott and Russell (No. 2)	1	....	....	....	....	....
Prescott and Russell (No. 3)	18	....	....	....	....	....
Prescott and Russell (No. 4)	9	....	....	....	....	2
Prince Edward	94	29	26	30	59	55
Renfrew North	116	29	18	30	30	36
Renfrew South	115	12	23	23	21	20
Simcoe Centre	112	....	71	85	95	103
Simcoe East, etc.	123	66	36	50	74	93
Simcoe North	29	....	....	17	18	18
Simcoe South, etc.	114	23	64	72	87	87
Simcoe West, etc.	109	11	22	29	38	60
Stormont	115	....	33	38	52	58
Victoria West	82	64	65	67	67	63
Waterloo (No. 1)	116	54	54	67	82	90
Waterloo (No. 2) and Galt	117	76	84	96	85	89
Welland East and Niagara Falls	126	110	97	106	99	102
Welland South	135	13	23	88	101	113
Welland (in part), etc.	88	28	49	84	77	82
Wellington North	111	35	71	65	80	81
Wellington South and Guelph	125	80	84	99	115	160
Wentworth	137	28	38	82	105	119
York (No. 1)	120	35	41	53	69	57
York (No. 2)	156	76	120	133	121	131
York (No. 3)	156	122	122	129	110	121
York (No. 4)	175	105	132	163	120	132
York (No. 5)	186	87	87	176	167	164
York (No. 6)	188	77	86	96	108	111
Totals	8,488	3,371	4,295	5,491	6,201	6,572
Percentage of rooms with Music	....	40	51.5	64.7	73	77.4
District Inspectorates						
Division I	102	12	26	44	40	39
" II	107	3	37	35	37	37
" III and Fort William	146	108	95	96	97	120
" IV and Port Arthur	150	27	32	76	72	83
" V and Sault Ste. Marie	134	....	57	71	81	95

District Inspectorates	Total No. of Rooms	Rooms with Music				
		1935-36	1936-37	1937-38	1938-39	1939-40
Division VI	121	28	29	35	40	41
" VII (1) and Sudbury	129	....	6	46	89	74
" VII (2)	18	....	....	....	....	....
" VIII	85	8	11	54	65	68
" IX	155	44	82	85	96	97
" X	172	71	....	91	96	110
" XI	93	....	55	23	29	30
" XII (1) and North Bay	114	46	46	44	45	56
" XII (2)	2	....	....	....	....	....
" XII (3)	29	....	....	....	....	....
" XIII	96	16	12	21	25	25
" XIV	91	....	3	18	20	31
" XV	88	10	10	28	58	68
" XVI	91	....	16	16	19	24
Totals	1,923	373	517	783	864	998
Percentage of rooms with Music	....	21	28.6	41.7	45	52
Separate School Inspectorates						
Division I	126	43	24	70	69	75
" II	142	7	7	....	2	2
" III	125	....	27	....	....	....
" IV	101	....	....	....	....	....
" V	140	....	27	18	36	35
" VI	153	....	24	38	3	3
" VII	124	....	....	....	....	5
" VIII	103	....	29	35	31	51
" IX	146	9	34	62	70	109
" X	159	87	101	104	114	112
" XI	153	135	122	109	152	131
" XII	142	31	36	28	45	33
" XIII and XIV	360	324	333	28	30	38
" XV	133	52	62	64	94	94
" XVI	135	5	9	22	72	64
" XVII	152	....	47	49	55	61
" XVIII	150	....	....	....	....	....
" XIX	125	....	....	8	8	16
" XX	103	....	....	....	....	....
" XXI	112	....	....	....	....	....
" XXII	121	....	....	....	6	9
Totals	3,005	693	882	627	792	833
Percentage of rooms with Music	....	24	30	21	26.3	27.7
Grand Totals	17,306	8,238	9,478	10,729	11,757	12,293
Percentage of rooms with Music	....	48.2	55.5	62.2	68	71

Secondary Schools

	Total No. of Schools	Schools with Music		
		1937-38	1938-39	1939-40
Collegiate Institutes	71	17	52	57
High Schools	227	51	94	112
Continuation Schools	198	53	115	123
Totals	496	121	261	292
Percentage of Schools with Music	....	25	53	59

Respectfully submitted,

G. R. Fenwick,

Provincial Supervisor of Music.

Toronto, February 15th, 1941.

APPENDIX M

REPORT OF THE REGISTRAR OF TRADE SCHOOLS

To the Honourable Dr. Duncan McArthur,
Minister of Education, Province of Ontario.

Dear Sir:

I beg leave to present to you the report of the operations of the Trade-Schools Regulation Act for the year 1940-41.

This Act has now been in force since January 2nd, 1939, and its enforcement continues to be a very distinct service to this Province. Through guidance furnished under this Act many thousands of dollars of investment of our citizens have been saved or recovered. Undesirable practices on the part of some trade school officials, which were not uncommon in the Province before this Act was in operation, have vanished, and it is now only occasionally that the attention of a registered school has to be called to operations not in harmony with present Departmental requirements. Registered schools now freely discuss contemplated changes with this Department, and in this way many difficulties are avoided. Such consultation is also of much value to the management of a school in assisting it to improve the content of the courses offered as well as to raise the educational value of such courses for those who undertake them. Much improvement is now noted in the character of the courses and the manner in which they fit into the requirements of the industrial life of the community. This has been very noticeable in the case of courses which train students for some type of war work. Many of the Trade Schools are rendering valuable assistance in furthering the war effort of this country. The student registration of such schools has been large during this war period, and the fact that hundreds have been enabled to take positions in war work industries has fully justified the expenses involved in taking the courses. The placement problem was a difficult one during the period of depression but this has largely disappeared with the present advance in industrial activity.

In the administration of the Act it has been found necessary to have certain amendments to it passed by the Legislature, and some changes made in the Regulations by Order-in-Council. The penalties as given in the original Act were found to be inadequate to give sufficient control and had to be materially increased. The original Act did not specify any penalty for an agent or salesman who misrepresented matters in the course of his sales efforts. As many of the troubles originated with the salesman it became necessary to amend the Act accordingly.

The Act gives power to the Lieutenant-Governor-in-Council to designate any occupation, calling or vocation as a trade within the meaning of this Act.

It is consequently necessary to expand the list of trades involved, from time to time, as wider control is deemed necessary. The list of trades now under control, is as follows:—

1. Advertising
2. Air Conditioning and Refrigeration
3. Airplane construction, repair and Operation
4. Broadcasting Practice
5. Business and Office Practice by Correspondence
6. Civil Service Occupations
7. Commercial and Industrial Art
8. Dairy, Poultry and Other Farm Work
9. Detective and Secret Service Work
10. Diamond Drilling
11. Dress and Garment Designing including Millinery
12. Electric and Acetylene Welding
13. Foot Correction
14. Hand, Machine and Power Machine Sewing Operation
15. Hotel Management and Other Hotel, Cafe and Hostess Occupations
16. Industrial and Business Management
17. Internal Combustion Engines
18. Journalism and Story Writing
19. Landscape Gardening
20. Machine Shop Practice
21. Mechanical Dentistry
22. Painting and Interior Decoration
23. Photography
24. Printing and Bookbinding
25. Pulp and Paper Making
26. Radio and Wireless Communication
27. Sound Projection and Motion Picture Operation
28. Speech and Oratory
29. Salesmanship
30. Sheet Metal Work
31. Steam Engines and Boilers
32. Television
33. Theoretical and Industrial Chemistry
34. Theoretical and Industrial Electricity
35. Theoretical and Practical Engineering
36. Woodworking and Cabinet Making

The list of registered schools has increased since the last report. Some schools previously given registration have ceased operations in Ontario either because of refusal by this Department to continue the registration or because of voluntary withdrawal. The operation, in Canada, of the school with headquarters in the United States, has become increasingly difficult since the outbreak of war, and more particularly so with the additional restrictions of the Foreign Exchange Control Board.

The following is a synopsis of matters which regularly require the attention of the Department:—

1. Inspection of Registered Schools, and of those seeking registration, to determine if requirements of the Act and the Regulations are being followed. In some cases the Certificate of Registration has to be cancelled.

2. Consideration of proposed changes in teaching staffs—the approval of the Department must be secured before any change is made.

3. Reading and approving advertising manuscript and radio script before it is allowed to be published; checking advertising which has not been submitted for approval.

4. Consultation with and guidance of students who are having difficulty with schools, or of school managers who are having difficulty with students.

5. Co-operation with Better Business Bureaus and other organizations in settling problems in connection with alleged unethical operations of schools which they may bring to our attention.

6. Checking the activities of agents or salesmen who, from reports received, appear to be acting at variance with the Act. In some cases it may be necessary to cancel the Departmental Registration Certificate of such salesmen.

7. Answering enquiries regarding the status of schools, and guiding students in the selection of suitable courses of study.

8. Dealing with applications of students to attend schools in the United States, as required by the Foreign Exchange Control Board.

9. Consultation with persons desiring to establish Trade Schools, and guidance as to the method of procedure; passing on the content of courses to be offered.

10. Correspondence, or interviews, with representatives from similar Departments in other Provinces, or in other countries, who seek information regarding our method of handling various problems of administration.

Since the coming into force of the Trade-Schools Regulation Act there has been a marked improvement in the courses of study offered, as already noted, and also in the methods of operation of the registered group of Trade Schools. The school management, in most cases, values the holding of a Certificate of Registration so highly that full co-operation is offered in meeting the requirements of the Act and Regulations by improvements in staff, courses, equipment, accommodations, etc., etc.,—and in building up a most cordial relationship with the student body. In short, the management makes every endeavour to bring the school to such a status that we have no hesitancy in recommending its courses to inquirers communicating with this Department.

W. S. Kirkland
Registrar of Trade Schools.

Toronto, November 8th, 1941.

PART II

STATISTICS

of

The Provincially-Controlled Schools of Ontario

TERMINOLOGY

Assessment—The valuation placed upon property for tax levy purposes. The County Council generally makes an equalization annually of local assessment figures, and this equalized figure is used in the computation of Legislative grants to schools.

Attendance Efficiency—The percentage relation of the actual days attended to the perfect aggregate.

Auxiliary Classes—These are provided for gifted, socially or educationally maladjusted, retarded, or physically-handicapped pupils.

Capital Charges—Debenture instalments, or sinking fund deposits, made on debt incurred for school buildings and equipment.

Compulsory School Age—Children 8 to 14 must attend full time; children from 5 to 8, if enrolled, must attend full time to the end of the school term for which they are enrolled. Adolescents, 14 to 16, who have not attained University matriculation standing must attend full time; those exempted on the plea of circumstances compelling them to go to work must attend part time (400 hours a year) in municipalities where part-time courses are provided. Urban municipalities with a population of 5,000 and over, are required to provide part-time courses.

Consolidated School—An amalgamation of two or more rural schools, or of rural schools with a village or town school, either for the purpose of strengthening the means of school support where the original schools were small or poor, or for the purpose of providing a graded school and other advantages, such as conveyance, instead of the original one-room school.

Correspondence Courses—Reach those more isolated than the school car pupils. They supplement the work of the regular school when remoteness, winter weather, ill-health, or physical disability prevent regular attendance. Twenty-five hundred is an approximate year's enrolment for these courses, which reach from Grade I to X, and are sets of carefully prepared lessons based on the new Course of Studies. A Departmental staff handles this correspondence with extreme promptness, and a pupil's progress depends entirely upon his own efforts. About 80% of these pupils live in Northern Ontario, and half of them are of foreign parentage. These courses are entirely free.

Cost per Pupil-Day—The cost of educating one pupil of actual attendance, for one day. It is found by dividing the total cost of education of the group of pupils concerned by the actual aggregate attendance of this group for the period under consideration.

County Pupil—A secondary school pupil living within the County but outside any secondary school district.

District—The eleven defined areas of Northern Ontario which do not constitute municipal units for any purpose. With the exception of Parry Sound and Muskoka, these areas lie north of the French River and Lake Nipissing. This region is newer and more sparsely populated than Southern Ontario, and produces most of Ontario's extensive mineral and forest wealth.

Enrolment—The number recorded on the school register as in active attendance. The school census for the Province is now taken annually on the last school day in May.

Fifth Classes—Grades IX and X in Elementary Schools, doing work similar to the first two grades of Secondary Schools. The majority of these classes are in rural areas.

Free School Age—The Public Elementary Schools are free to all resident pupils between the ages of 5 and 21 whose parents are public school supporters. The Separate Schools are free to the children of the separate school supporters. The Secondary Schools are free to all except non-resident pupils.

General Maintenance—Ordinary, current expense, as opposed to capital outlays and debenture charges.

Inspectorate—The area under the supervision of a local Departmental representative.

Kindergarten Primary—A class combining the work of the kindergarten and Grade I.

Non-Resident Pupil—A secondary school pupil who is neither a resident nor a County pupil.

Public School Section—Is a subdivision of a township for elementary school purposes, containing a minimum of 50 children between the ages of 5 and 21, and having a maximum area of four square miles.

Resident Pupil—A secondary school pupil living within the secondary school district.

School—Provincially controlled schools may be classified as:

I. **Elementary**—Those doing the work of the first eight grades. A few have Fifth Classes (see above).

(a) **Public**—The first school established in any school section or urban municipality, and supported by the ratepayers.

(b) **R.C. Separate**—For the children of Roman Catholics.

(c) **Protestant Separate**—For the children of Protestants in centres preponderantly Roman Catholic.

II. **Secondary**—Those doing the work of Grades IX to University Matriculation.

(a) **Academic:**

1. **Collegiate Institutes.**
2. **High Schools.**
3. **Continuation Schools.**

These schools are differentiated by minimum staff requirements. Continuation Schools are located mostly in villages or rural areas. Academic Courses are designed to lead to Universities and Teacher-Training Schools.

(b) **Vocational:**

1. **Technical High School.**
2. **Commercial High School.**

In the smaller centres academic and vocational departments are frequently found in the one building, which is then called a composite school. Vocational courses are designed to lead to industry, trade and commerce.

School Car—A school on wheels, carrying education and social betterment to small communities scattered along the railway lines of Northern Ontario. There are 7 of these cars at present, each with a definite route of about 175 miles, which is covered in a month or six weeks Each stop is from 4 to 6 days. Problems are solved, work is outlined and assigned. Parents come to night classes, where English, spelling, writing and arithmetic are taught them, and where daily problems of life are discussed. Ninety per cent of the pupils are non-English speaking. The Department supplies all school needs free. The enrolment is about 275.

School Year—The school year consists of two terms, September 1 to December 22, and January 3 to June 30. In addition to the intervals between these terms there is a vacation of one week following Easter. In this Report statistics cover the school year where possible. Financial data remains on the calendar year basis.

Secondary School District—Is the area over which the secondary school board exercises supervision. Each city and separated town is a secondary school district. The County Council may establish a secondary school district composed of an urban municipality only, a group of school sections only, or a combination of both. In the territorial districts of Northern Ontario any municipal council or councils may establish the whole or any part of the municipality or municipalities as a secondary school district, with the approval of the Minister of Education.

STATISTICS OF THE PROVINCIALLY-CONTROLLED SCHOOLS OF ONTARIO

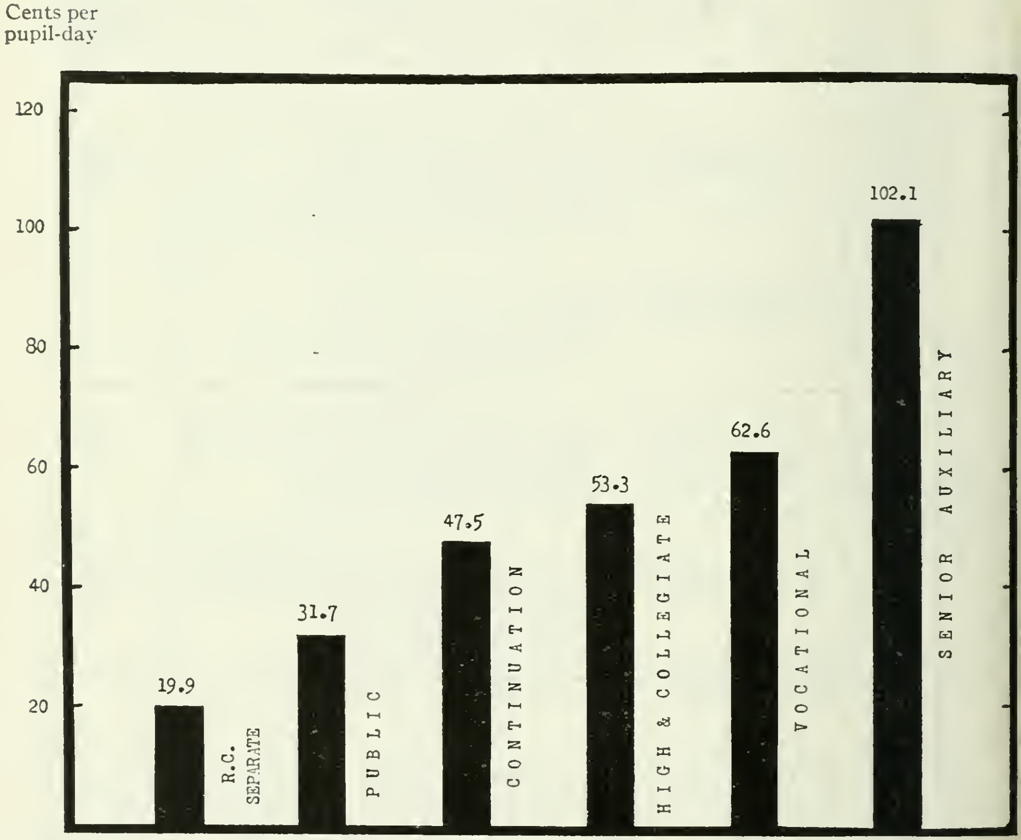
SUMMARY FOR 1939

Financial data for calendar year 1939; other data for school year 1939-40.

	ELEMENTARY		SECONDARY			SENIOR AUXILIARY	TOTALS
	Public	Separate	Continuation	High††	Vocational		
DAY SCHOOLS:							
Number	6,309	811	202	228	59	5	7,614
Pupils—May Enrolment, 1940	441,143	102,180	10,048	73,102	36,502	1,398	664,373
Average Attendance for the Year	397,196	94,659	9,764	70,944	33,910	1,220	607,693
Attendance Efficiency Percentage for the Year	91.6	93.1	91.4	94.6	94.2	87.4	92.3
Teachers—Number	14,231	3,116	569	2,762	1,692	69	21,995†
Male	3,476	373	297	1,505	1,117	35	6,534†
Female	10,755	2,743	272	1,257	575	34	15,461†
Percentage Male	24.42	11.97	52.20	54.49	66.02	50.72	29.71
Percentage Female	75.58	88.03	47.80	45.51	33.98	49.28	70.29
University Graduates	636	79	338	2,587	1,244	16	4,900
Total Costs:							
(a) Teachers' Salaries	$1,7774,440	$2,343,990	$642,947	$5,427,446	$3,592,999	$171,722	$29,953,944
(b) Other Current Cost	6,627,462	1,222,252	234,674	1,661,228	1,121,939	77,625	10,944,780
Total Current Cost	$24,401,902	$3,566,242	$877,621	$7,088,674	$4,714,938	$249,347	$40,898,724
(c) Capital Charges	3,822,860	694,347	161,320	1,646,878	1,238,806	22,554	7,586,765
Total	$28,224,762	$4,260,589	$1,038,941	$8,735,552	$5,953,744	$271,901	$48,485,489
Legislative Grants	$3,593,213	$1,041,457	$246,516	$885,269	$1,205,081	$43,689	$7,015,225
Net Municipal Operating Cost	$24,651,549	$3,219,132	$792,425	$7,850,283	$4,730,663	$228,212	$41,470,264
Teacher Salary Percentage of Total Current Cost	72.8	65.7	73.3	76.6	76.2	68.9	73.2
Capital Outlays	$1,425,546	$450,531	$77,521	$950,293	$349,635	$1,584	$3,255,110
Fifth Classes:							
Schools Conducting Fifth Class Work	1,187	183	....	....	....	....	1,370
Enrolment in these Fifth Classes	6,370	4,617	....	....	....	....	10,987
Classes Qualifying for Legislative Grant	398	116	....	....	....	....	514
Enrolment in these Qualifying Classes	2,676	1,407	....	....	....	....	4,083
Grading of Qualifying Classes—A	92	75	....	....	....	....	167
B	136	19	....	....	....	....	155
C	170	22	....	....	....	....	192
Legislative Grants	$50,681	$16,672	....	....	....	....	$67,353
NIGHT SCHOOLS:							
Number	9	1	....	11	52	1	74
Student Enrolment	535	23	....	1,836	34,983	267	37,644
Number of Teachers	17	1	....	74	1,081	9	1,182
Teachers' Salaries	$3,290	$88	....	$15,915	$245,724	$1,262	$266,279
Total Disbursements	N.R.	N.R.	....	$21,589	$324,064	$1,614	$347,267

†Excluding duplications. ††Includes Collegiate Institutes. N.R.—No record.

COMPARISON OF PUPIL-DAY COSTS FOR CURRENT OPERATIONS IN THE DIFFERENT TYPES OF SCHOOLS, 1939



Graph 1.

EDUCATION COSTS

AVERAGE COSTS, PER PUPIL-DAY 1939, AND COMPARISON WITH 1938

A—Elementary Schools

Type	Sub-Division	Gross Cost per Pupil-Day (in cents)						Legislative Share	
		Current[1]		Capital[2]		Total			
		1939	1938	1939	1938	1939	1938	1939	1938
Public	All Rural	28.7	27.5	2.5	2.1	31.2	29.6	8.4	8.0
	Low attendance	56.8	55.1	......	......	56.8	55.1	16.2	15.8
	Ordinary size	28.6	27.3	1.4	1.5	30.0	28.8	8.0	7.6
	Consolidated	45.0	40.3	7.1	7.3	52.1	47.6	17.7	16.1
	Large Suburban and Semi-Urban	29.0	28.2	6.9	5.1	35.9	33.3	9.7	9.5
	All Urban	33.7	32.1	6.6	7.0	40.3	39.1	2.2	2.0
	Town	25.0	22.6	4.3	4.3	29.3	26.9	3.3	2.5
	City	37.6	36.4	7.7	8.2	45.3	34.6	1.5	1.5
	All Public	31.7	30.3	5.0	5.1	36.7	35.4	4.7	4.3
R. C. Separate	All Rural	22.7	22.4	2.5	2.9	25.2	25.3	10.6	11.9
	All Urban	19.1	18.5	4.4	5.1	23.5	23.6	4.4	4.4
	Town	19.1	17.7	2.3	3.4	22.3	21.1	6.7	6.0
	City	19.1	18.9	5.0	6.0	24.1	24.9	3.3	3.1
	All Separate	19.9	19.4	4.0	4.5	23.9	23.9	5.8	6.2

B—Secondary Schools

Continuation	All	47.5	45.9	8.7	7.6	56.2	53.5	13.3	12.8
High Schools and Collegiate Institutes	High	49.0	48.5	11.2	11.3	60.2	59.8	11.6	11.7
	Collegiate	55.8	55.9	13.1	13.3	68.9	69.2	3.7	3.6
	All	53.3	53.1	12.4	12.5	65.7	65.6	6.7	6.6
Vocational	Purely Technical	85.5	89.2	21.0	23.2	106.5	112.4	19.9	21.1
	Purely Commercial	62.3	61.6	15.4	15.5	77.7	77.1	10.8	7.8
	Combined Commercial and Technical	65.5	64.1	18.2	19.0	83.7	83.1	16.2	20.6
	All	68.3	70.0	18.5	19.3	86.8	89.3	17.5	18.0

C—Special Schools

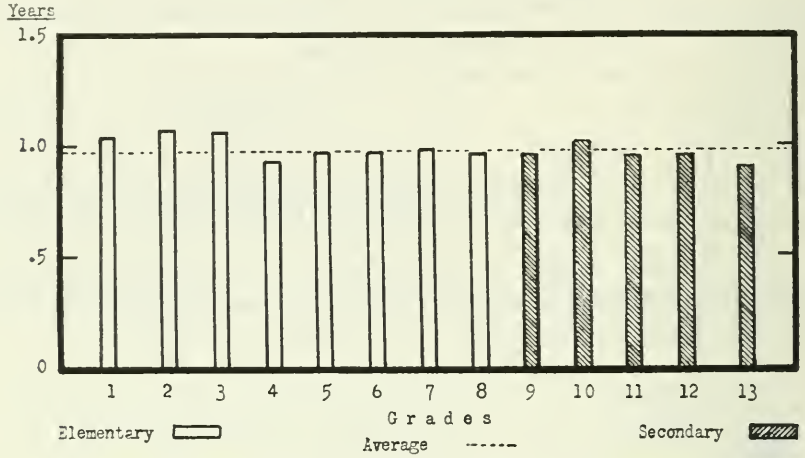
Senior Auxiliary	All	102.1	101.0	9.2	9.1	111.3	110.1	17.7	18.3

[1] General Maintenance.

[2] Debt Charges.

AVERAGE TIME SPENT IN EACH GRADE

Based on Age-Grade Tables, 1937-1940.

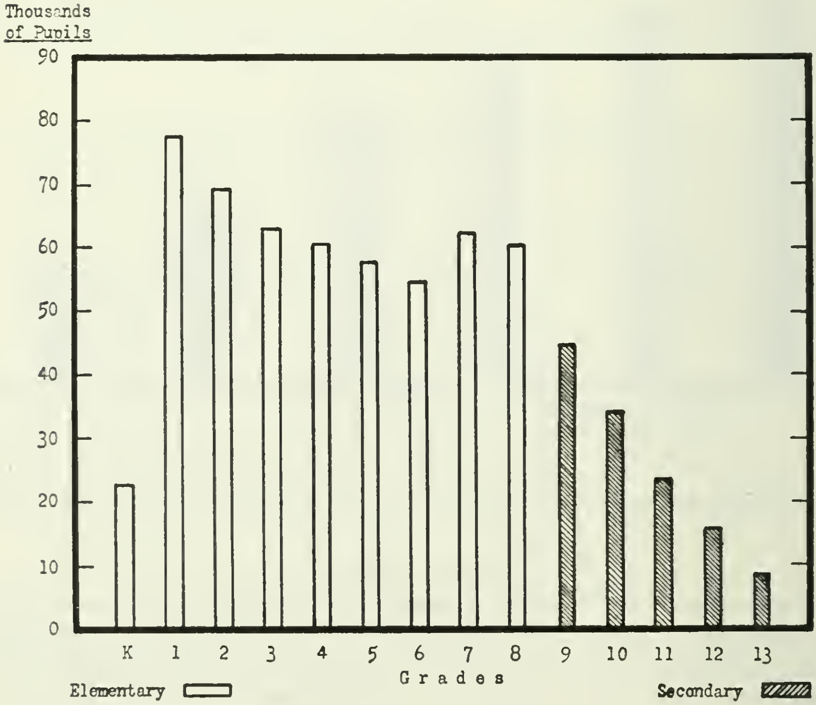


On the average, it takes 12.4 years to pass through the 13 grades, or .95 years per grade.

Graph 2.

DISTRIBUTION OF ENROLMENT BY GRADE

May, 1940



Graph 3.

DISTRIBUTION OF PUPILS IN ONTARIO PROVINCIALLY-CONTROLLED SCHOOLS, MAY,* 1940

A—STANDARD GRADE PUPILS

		Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 and over	Totals by Sexes	Totals	Percentage of Group A
Kindergarten	Boys	25	3,914	3,016	156	14	3	......	......	......	......	......	......	......	......	......	......	7,128	14,126	2.2
	Girls	33	3,881	2,960	115	8	1	......	......	......	......	......	......	......	......	......	......	6,998		
Kindergarten Primary	Boys	1	1,078	2,341	699	137	29	8	8	2	1	......	......	......	......	......	......	4,304	8,325	1.3
	Girls	9	1,144	2,197	568	77	18	3	2	3	......	......	......	......	......	......	......	4,021		
GRADE I	Boys	10	1,173	14,435	17,489	5,794	1,417	475	205	108	44	14	8	5	1			41,178	77,605	11.8
	Girls	17	1,268	14,332	15,408	4,074	888	261	100	49	13	10	6	1	......	......	......	36,427		
GRADE II	Boys	......	2	438	10,251	15,910	6,641	2,207	721	304	143	52	16	3	2	......	......	36,690	69,416	10.6
	Girls	......	7	558	11,322	14,492	4,614	1,224	330	116	33	15	9	4	2	......	......	32,726		
GRADE III	Boys	......	......	9	625	8,342	13,352	6,512	2,410	1,038	393	142	47	9	2	1	1	32,883	63,099	9.6
	Girls	......	1	12	797	9,688	12,814	4,729	1,364	521	192	65	26	6	......	1	......	30,216		
GRADE IV	Boys	......	......	......	33	1,430	8,308	11,215	6,013	2,724	1,050	392	109	21	4	......	......	31,299	60,462	9.3
	Girls	......	......	......	57	2,035	9,649	10,683	4,381	1,526	579	196	47	8	2	......	......	29,163		
GRADE V	Boys	......	......	......	......	52	2,223	8,344	9,219	5,514	2,677	1,105	323	63	10	3	......	29,533	57,862	8.8
	Girls	......	......	......	......	82	3,117	9,746	8,770	4,267	1,598	559	146	30	12	2	......	28,329		
GRADE VI	Boys	......	......	......	......	4	104	2,937	8,341	7,654	4,666	2,301	776	159	14	6	......	26,962	54,433	8.3
	Girls	......	......	......	......	2	190	4,190	9,772	7,300	3,927	1,542	443	93	8	4	......	27,471		
GRADE VII	Boys	......	......	......	......	......	5	184	4,000	9,784	8,567	5,287	2,376	474	53	7	1	30,738	62,014	9.5
	Girls	......	......	......	......	......	2	267	5,258	11,570	7,973	4,319	1,570	279	34	3	1	31,276		
GRADE VIII	Boys	......	......	......	......	......	......	7	201	3,819	9,114	8,232	5,332	1,678	270	31	5	28,689	60,352	9.2
	Girls	......	......	......	......	......	1	9	395	5,336	12,520	7,992	4,070	1,142	163	33	2	31,663		
GRADE IX	Boys	......	......	......	......	......	......	1	26	380	3,455	7,128	6,110	3,114	952	203	42	21,411	44,847	6.8
	Girls	......	......	......	......	......	......	......	23	524	4,687	8,598	6,326	2,541	600	106	31	23,436		
GRADE X	Boys	......	......	......	......	......	......	......	1	24	356	2,785	5,653	4,365	2,127	649	213	16,173	34,126	5.2
	Girls	......	......	......	......	......	......	......	3	27	495	3,697	6,720	4,464	1,865	506	176	17,953		
GRADE XI	Boys	......	......	......	......	......	......	......	......	......	9	316	1,981	3,765	2,733	1,396	570	10,770	23,594	3.6
	Girls	......	......	......	......	......	......	......	......	2	19	421	2,988	4,739	2,954	1,198	503	12,824		
GRADE XII	Boys	......	......	......	......	......	......	......	......	......	......	12	219	1,402	2,465	1,760	1,310	7,168	15,795	2.4
	Girls	......	......	......	......	......	......	......	......	......	......	28	377	2,130	3,126	1,913	1,053	8,627		
GRADE XIII	Boys	......	......	......	......	......	......	......	......	......	......	1	13	171	874	1,528	1,840	4,427	8,893	1.4
	Girls	......	......	......	......	......	......	......	......	......	......	......	21	292	1,254	1,674	1,225	4,466		
Totals by Sexes	Boys	36	6,167	20,239	29,253	31,683	32,082	31,890	31,145	31,351	30,475	27,767	22,963	15,229	9,507	5,584	3,982	329,353		
	Girls	59	6,301	20,059	28,267	30.458	31,294	31,112	30,398	31,241	32,036	27,442	22,749	15,729	10,020	5,440	2,991	325,596		
Totals—Group A		**95**	**12,468**	**40,298**	**57,520**	**62,141**	**63,376**	**63,002**	**61,543**	**62,592**	**62,511**	**55,209**	**45,712**	**30,958**	**19,527**	**11,024**	**6,973**	....	**654,949**	
Percentages		(.01)	1.9	6.2	8.8	9.5	9.7	9.6	9.4	9.6	9.5	8.4	7.0	4.7	3.0	1.7	1.0			

*Last school day in May.

B—PRE-VOCATIONAL AND SPECIAL VOCATIONAL PUPILS

		Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 and over	Totals by Sexes	Grade Totals
PRE-VOCATIONAL....	Boys	......	......	......	......	......	......	2	7	4	31	60	171	99	44	6	3	427	635
	Girls	......	......	......	......	......	......	3	8	7	11	30	94	38	12	5	......	208	
SPECIAL VOCATIONAL	Boys	......	......	......	......	......	......	......	......	......	......	......	9	65	128	153	342	697	2,050
	Girls	......	......	......	......	......	......	......	......	......	......	4	35	128	309	366	511	1,353	
TOTALS—GROUP B.		......	......	......	......	......	......	5	15	11	42	94	309	330	493	530	856	2,685	

C—JUNIOR AND SENIOR AUXILIARY CLASSES

		Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 and over	Totals by Sexes	Grade Totals
JUNIOR......	Boys	......	......	9	32	114	257	347	427	462	479	483	395	144	33	8	......	3,190	4,642
	Girls	......	1	3	15	56	112	187	209	248	213	193	123	68	18	3	3	1,452	
SENIOR......	Boys	......	......	......	......	......	......	......	......	8	121	262	250	64	21	6	10	742	1,398
	Girls	......	......	......	......	......	......	......	......	1	106	238	241	54	14	2	......	656	
TOTALS—GROUP C.		......	1	12	47	170	369	534	636	719	919	1,176	1,009	330	86	19	13	6,040	....

SUMMARY

	Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 and over	Totals by Sexes	Grade Totals
Boys...............	36	6,167	20,248	29,285	31,797	32,339	32,239	31,579	31,825	31,106	28,572	23,788	15,601	9,733	5,757	4,337	334,409	....
Girls...............	59	6,302	20,062	28,282	30,514	31,406	31,302	30,615	31,497	32,366	27,907	23,242	16,017	10,373	5,816	3,505	329,265	....
GRAND TOTALS.......	**95**	**12,469**	**40,310**	**57,567**	**62,311**	**63,745**	**63,541**	**62,194**	**63,322**	**63,472**	**56,479**	**47,030**	**31,618**	**20,106**	**11,573**	**7,842**	**663,674**	....
PERCENTAGES......	**(.01)**	**1.9**	**6.1**	**8.7**	**9.4**	**9.6**	**9.6**	**9.4**	**9.5**	**9.6**	**8.5**	**7.1**	**4.8**	**3.0**	**1.7**	**1.2**	....	....

In addition, there were 699 part-time Vocational pupils, unclassified.

PUPIL MOVEMENT

I. Admissions, Transfers, Exemptions, Retirements during the School Year 1939-40

A—ELEMENTARY SCHOOLS

	Public Schools			Separate Schools			All
	Rural	Urban	Total	Rural	Urban	Total	
1. Admissions: (a) Beginners	20,957	29,147	50,104	3,155	9,283	12,438	62,542
(b) From outside the Province	1,145	2,338	3,483	119	503	622	4,105
Totals	22,102	31,485	53,587	3,274	9,786	13,060	66,647
2. Transfers: (a) To another school section	18,073	15,462	33,535	1,500	3,269	4,769	38,304
(b) To special industrial, craft school, or auxiliary class	224	1,240	1,464	24	193	217	1,681
Totals	18,297	16,702	34,999	1,524	3,462	4,986	39,985
3. Exemptions: Pupils who, during the year, were exempt from attendance at any school, on the grounds of:							
(a) Private tuition	37	24	61	28	38	66	127
(b) Taking departmental correspondence courses	366	17	383	12	12	24	407
(c) Mental disability	209	127	336	14	60	74	410
(d) Physical disability—							
(i) Blind	21	7	28	5	7	12	40
(ii) Deaf	22	7	29	3	1	4	33
(iii) Crippled	121	89	210	19	62	81	291
(e) Distance from school	178	3	181	38	2	40	221
(f) Other reasons	267	52	319	87	54	141	460
Totals	1,221	326	1,547	206	236	442	1,989
4. Retirements	11,141	9,934	21,075	1,998	4,079	6,077	27,152

B—SECONDARY SCHOOLS

	Continuation Schools		Collegiate Institutes and High Schools		Vocational Schools		All	
	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.
1. Beginners to Secondary Schools admitted from:								
(a) Publicly-controlled elementary schools	2,525	94.6	21,385	96.8	12,142	68.5	36,052	95.8
(b) Publicly-controlled secondary schools	....	....	....	....	4,840	27.3	4,840	A
(c) Private schools	28	1.0	141	.6	427	2.4	596	1.6
(d) Other sources	117	4.4	565	2.6	312	1.8	994	2.6
Totals	2,670	100.0	22,091	100.0	17,721	100.0	42,482	100.0
2. Transfers to another secondary school in another municipality	205	....	1,169	....	N.R.	....	....	....
3. Retirements (excluding Middle and Upper School graduates) during the year from:								
(a) Grade IX	287	8.6	2,224	9.9	2,387	20.0	4,898	13.0
(b) Grade X	204	7.7	1,686	9.8	2,592	24.6	4,482	14.8
(c) Grade XI	169	8.5	1,658	11.8	2,334	34.6	4,261	18.1
(d) Grade XII	128	7.7	1,031	9.4	2,176	68.7	3,335	21.1
(e) Grade XIII	40	10.4	680	8.7	360	51.3	1,080	12.1
(f) Special	....	....	....	....	831	40.5	831	40.5
Totals	828	8.2	7,379	10.1	10,680	29.8	18,887	15.9

A—Not included in the percentage figure since these pupils are more in the nature of transfers, considering the secondary schools as a group.

N.R.—Not recorded.

NOTE:—Per cent. under Retirements in the secondary schools, is the percentage of the May Enrolment of the year concerned. The actual per cent. of the particular year who retired will be slightly lower than the figure given.

II—DESTINATIONS AND OCCUPATIONS OF EX-PUPILS

Those who left during or at the end of the school year 1939-40 as reported in December 1940

	ELEMENTARY SCHOOLS								SECONDARY SCHOOLS								Total Leaving Student Life	
	City Inspectorates		All Other Urban		Rural		Total Elementary		Continuation		High and Collegiate		Vocational		Total Secondary			
	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.
A. TO FURTHER TRAINING																		
1. Private Elementary School	152	1.2	198	1.1	116	1.0	466	1.1	....	....	....	....	....	....	....	....	....	....
2. Provincial Secondary School	12,322	97.9	15,799	89.4	11,174	96.2	39,295	93.9	....	....	....	....	....	....	....	....	....	....
3. Private Secondary School	76	.6	1,461	8.3	252	2.2	1,789	4.3	....	....	....	....	....	....	....	....	....	....
4. Private Technical Training School	1	....	43	.2	20	.2	64	.1	61	10.8	1,019	17.3	162	19.7	1,242	17.1	....	....
5. Business College	26	.3	176	1.0	52	.4	254	.6	204	36.4	1,477	25.0	462	56.3	2,143	29.4	....	....
6. University	....	....	....	....	....	....	....	....	123	22.0	1,900	32.2	98	11.9	2,121	29.1	....	....
7. Normal School	....	....	....	....	....	....	....	....	68	12.1	681	11.5	11	1.4	760	10.4	....	....
8. Nurses' Training School	....	....	....	....	....	....	....	....	105	18.7	825	14.0	88	10.7	1,018	14.0	....	....
Total to Further Training	**12,577**	**71.2**	**17,677**	**66.4**	**11,614**	**46.8**	**41,868**	**60.7**	**561**	**18.2**	**5,902**	**26.8**	**821**	**4.0**	**7,284**	**16.0**	....	....
B. EMPLOYMENT																		
1. Agriculture	124	4.0	661	10.0	4,898	43.6	5,683	27.1	564	25.3	1,469	10.9	347	2.3	2,380	7.7	8,063	15.5
2. Commerce and Finance	514	16.4	602	9.2	179	1.6	1,295	6.2	235	10.5	3,720	27.6	5,290	34.4	9,245	29.8	10,540	20.3
3. Industry	607	19.4	1,188	18.0	410	3.7	2,205	10.5	211	9.4	2,054	15.2	3,462	22.6	5,727	18.4	7,932	15.3
4. Trades and Crafts	113	3.6	234	3.6	85	.8	432	2.1	74	3.3	743	5.5	1,317	8.6	2,134	6.6	2,566	4.9
5. Transportation and Communication	59	1.9	218	3.3	83	.7	360	1.7	73	3.3	514	3.8	532	3.5	1,119	3.8	1,479	2.8
6. Mining and Quarrying	1	*	19	.3	12	.1	32	.2	18	.8	77	.6	120	.8	215	.7	247	.5
7. Fishing, Trapping, Lumbering, and Logging	8	.3	89	1.4	184	1.6	281	1.3	14	.6	34	.3	32	.3	80	.3	361	.7
8. Services: (a) Personal	190	6.1	550	8.4	653	5.8	1,383	6.7	167	7.5	480	3.6	404	2.6	1,051	3.4	2,444	4.7
(b) Public	34	1.0	111	1.7	53	.5	198	.9	31	1.4	232	1.7	271	1.6	534	1.7	732	1.4
(c) Professional	....	....	....	....	....	....	....	....	6	.3	[A]	....	[A]	....	6	*	6	*
(d) Home Help (Girls)	867	27.6	1,643	25.0	3,934	35.0	6,444	30.8	505	22.6	1,692	12.5	1,162	7.6	3,359	10.8	9,803	18.8
9. Unskilled Labour	483	15.4	953	14.4	638	5.7	2,074	9.9	146	6.5	640	4.8	652	4.2	1,438	4.6	3,512	6.8
10. Clerical—not classifiable above	20	.6	45	.7	18	.2	83	.4	23	1.0	[A]	....	[A]	....	23	*	106	.2
11. On His Majesty's Service	4	*	....	....	....	....	4	*	131	5.9	601	4.5	447	2.9	1,179	3.8	1,183	2.3
12. Others—employed, but not classifiable above	115	3.7	263	4.0	79	.7	457	2.2	36	1.6	1,210	9.0	1,321	8.6	2,567	8.3	3,024	5.8
Total Employed	**3,139**	**17.8**	**6,576**	**24.8**	**11,226**	**45.3**	**20,941**	**30.3**	**2,234**	**72.4**	**13,466**	**61.2**	**15,357**	**75.1**	**31,057**	**68.2**	**51,998**	**79.5**
C UNEMPLOYED	356	2.1	456	1.7	559	2.3	1,371	2.0	125	4.1	935	4.3	1,076	8.3	2,766	6.1	4,137	6.3
D MARRIAGE (Girls)	26	.1	42	.2	44	.2	112	.2	32	1.0	[A]	....	[A]	....	32	.1	144	.2
E. DEATH OR DISABILITY	253	1.4	425	1.6	320	1.3	998	1.4	13	.4	244	1.1	288	1.4	545	1.2	1,543	2.4
F. TO INSTITUTIONS	42	.2	143	.5	65	.3	250	.4	2	*	[A]	....	15	.1	17	*	267	.4
G. LEFT THE PROVINCE	943	5.4	1,047	3.9	584	2.4	2,574	3.7	11	.4	[A]	....	[A]	....	11	*	2,585	4.0
H. OTHERS—known, but not classifiable above	20	.1	118	.4	173	.7	311	.4	23	.7	[A]	....	[A]	....	23	*	334	.5
I. UNKNOWN	296	1.7	131	.5	168	.7	595	.9	84	2.7	1,443	6.6	2,267	11.1	3,797	8.3	4,392	6.7
Totals leaving Student Life in Ontario	**5,075**	**28.8**	**8,938**	**33.6**	**13,139**	**53.2**	**27,152**[B]	**39.3**	**2,524**	**81.8**	**16,088**	**73.2**	**19,633**	**96.0**	**38,248**	**74.0**	**65,400**	**100.0**
Grand Totals	**17,652**	....	**26,615**	....	**24,753**	....	**69,020**	....	**3,085**	....	**21,990**	....	**20,454**	....	**45,532**	....	....	....

[A] Information on these classes will not be available till 1940-41.

[B] Of all pupils leaving student life from Elementary Schools, 53% left without obtaining High School Entrance standing.

* Percentage less than one-tenth of one per cent.

Main classes are expressed as a percentage of Grand Total; subdivisions as a percentage of the class to which they belong.

NUMBER OF SCHOOL BOARDS IN THE PROVINCE, JUNE 1941

1. Public Schools:	(a) Trustee Boards:	(i) Rural	5,541	
		(ii) Urban	208	5,749
	(b) Boards of Education:	(i) Municipal	92	
		(ii) Union	20	112
				5,861
2. Separate Schools:	(a) Trustee Boards:	(i) Rural	517	
		(ii) Urban	129	646
3. Secondary Schools:	(a) Continuation School Boards		14	
	(b) High School Boards		80	
	(c) Collegiate Institute Boards		16	*110
Total for Province				6,617

*In addition, 191 Public and Separate School Boards administer Continuation Schools, and the 112 Boards of Education administer High Schools or Collegiate Institutes, making a total of 413 boards controlling secondary schools.

COMPARATIVE STATISTICS

I. PROVINCIAL POPULATION AND SCHOOL ENROLMENT

Year	Provincial Population [A]	Day Enrolment in Provincially Controlled Schools [B]	Percentage of Population in Day Schools	Day School Enrolment Classified as between		Compulsory Age Enrolment		Adolescent Age Enrolment		Adolescent Age Exemptions			
				Elementary	Secondary	Number	Percentage of whole	Number	Percentage of whole	By Home Permit	By Employment Certificate	Total	Percentage of Recorded Adolescents [C]
1930....	3,141,633	661,748	21.1	84.7	15.3	451,404	68.2	83,821	12.7	1,369	3,151	4,520	5.1
1935....	3,321,618	679,392	20.5	83.3	16.7	490,898	72.3	102,446	15.0	1,683	2,045	3.728	3.5
1938....	3,394,228	672,696	19.8	82.8	17.2	481,233	71.5	100,839	15.0	1,730	1,907	3,637	3.5
1939....	3,438,898	679,345	19.8	82.1	17.9	492,455	72.5	105,903	15.6	1,389	2,146	3,535[D]	3.3
1940 ...	3,442,135	664,373	19.3	81.8	18.2	482,094	72.6	103,509	15.6	1,885	4,871	6,756	6.5

[A] As supplied by Department of Municipal Affairs.

[B] School enrolment recorded for one particular day—the last school day in May.

[C] Based on May enrolled Adolescents plus exemptions.

[D] In addition, 710 Employment Certificates were issued to children under 14 years of age.

II. SCHOOLS, PUPILS, TEACHERS
ELEMENTARY SCHOOLS

Year	Legal Teaching Days A	Schools			Pupils					Teachers						
		Number in Operation			Enrolment B			Average Daily Attendance C	Attendance Efficiency Percentage	Number			Certificates			Experience
		Total	Rural	Urban	Total	Rural	Urban			Total	Male	Female	First Class	Special D	Second Class and Lower E	Average Length in Years
PUBLIC AND SEPARATE SCHOOLS																
1919–20..	199	6,541	5,682	859	544,972	226,444	338,528	362,399	....	13,869	1,506	12,363	1,303	555	12,011	....
1924–25..	197	6,797	5,821	976	613,996	239,570	374,426	442,642	....	15,733	2,051	13,682	1,810	617	13,306	....
1929–30..	197	6,979	5,991	988	560,446	211,172	349,274	478,950	....	17,062	2,512	14,550	3,713	419	12,930	9.6
1934–35..	197	7,049	6,050	999	565,777	210,879	354,898	503,815	90.8	17,335	3,316	14,019	6,082	533	10,720	11.1
1937–38..	198	7,237	6,186	1,051	557,014	209,669	347,345	499,242	91.5	17,493	3,773	13,720	8,138	996	8,359	11.5
1939–40..	198	7,120	6,106	1,014	543,323	206,719	336,604	491,855	91.9	17,527	3,929	13,598	9,473	956	7,098	11.5
PUBLIC SCHOOLS																
1919–20..	....	5,947	5,328	619	488,091	207,674	280,417	310,029	....	12,153	1,397	10,756	1,230	545	10,378	8.5
1924–25..	....	6,081	5,401	680	518,696	217,221	301,475	371,694	....	13,545	1,899	11,646	1,673	609	11,263	9.3
1929–30..	....	6,218	5,535	683	468,521	190,556	277,965	397,108	....	14,494	2,239	12,165	3,487	409	10,598	9.6
1934–35..	....	6,270	5,580	690	464,186	187,702	276,484	411,481	90.4	14,518	3,049	11,469	5,593	508	8,417	11.2
1937–38..	....	6,403	5,690	713	454,509	186,143	268,366	404,882	91.2	14,540	3,459	11,081	7,416	958	6,166	11.6
1939–40..	....	6,309	5,607	702	441,143	182,570	258,573	397,196	91.6	14,426	3,654	10,862	8,505	901	5,020	11.6
ROMAN CATHOLIC SEPARATE SCHOOLS																
1919–20..	....	594	354	240	76,881	18,770	58,111	52,370	....	1,716	109	1,607	73	10	1,633	....
1924–25..	....	716	420	296	95,300	22,349	72,951	70,948	....	2,188	152	2,036	137	8	2,043	....
1929–30..	....	761	456	305	91,925	20,616	71,309	81,842	....	2,568	183	2,385	226	10	2,332	9.5
1934–35..	....	779	470	309	101,591	23,177	78,414	92,334	92.8	2,817	267	2,550	489	25	2,303	10.5
1937–38..	....	834	496	338	102,505	23,526	78,979	94,360	92.8	2,953	314	2,639	722	38	2,193	11.4
1939–40..	....	811	499	312	102,180	24,149	78,031	94,659	93.1	3,101	365	2,736	968	55	2,078	11.4
PROTESTANT SEPARATE SCHOOLS F																
1919–20..	....	6	3	3	464	75	389	314	....	12	1	11	1	......	11	....
1924–25..	....	5	2	3	407	57	350	298	....	11	1	10	....	......	11	....
1929–30..	....	5	2	3	348	45	303	228	....	10	....	10	1	......	9	....
1934–35..	....	5	2	3	253	46	207	213	86.5	9	1	8	6	......	2	14.4
1937–38..	....	4	2	2	231	45	186	182	90.4	8	1	7	4	1	3	12.1
1939–40..	....	4	2	2	226	46	180	186	90.3	8	2	6	4	1	3	12.1

A In all Provincially-Controlled Schools.
B Commencing with 1929-30 the enrolment is that of the last school day in May. The former figures, covering the entire calendar year, contain a percentage of duplication.
C Covers the school year.
D This includes the following: Manual Training, Household Science, Auxiliary, Kindergarten, Art, Music, Physical Culture.
E This includes Third Class, District, Permanent Ungraded, and Temporary.
F Included with Public Schools.

SECONDARY SCHOOLS

Year	Schools	Pupils						Teachers							
					Grade Distribution			Number			Certificates				Experience
	Number in Operation	Enrolment	Average Daily Attendance	Attendance Efficiency Percentage	IX and X	XI and XII	XIII	Total	Male	Female	Graduates	Percentage	Specialists	Percentage	Average length of Secondary School Experience in Years
DAY SCHOOLS						COLLEGIATE INSTITUTES AND HIGH SCHOOLS									
1919–20	167	33,036	26,816	...	70.7	24.7	4.6	1,168	574	594	854	73.1	583	72.1	...
1924–25	183	52,116	44,836	...	61.0	31.0	8.0	1,657	779	878	1,367	82.5	1,199	72.3	...
1929–30	205	57,475	52,496	...	60.9	30.4	8.7	2,047	919	1,128	1,838	89.8	1,522	74.4	...
1934–35	212	67,395	64,369	93.5	53.4	34.3	12.3	2,361	1,171	1,190	2,235	94.7	1,850	78.4	10.1
1938–39	227	72,247	68,591	94.2	54.3	34.7	11.0	2,641	1,412	1,229	2,486	94.1	2,075	78.6	10.5
1939–40	228	73,102	70,944	94.6	54.0	35.3	10.7	2,762	1,505	1,257	2,587	93.7	2,213	80.1	10.1
						CONTINUATION SCHOOLS									
1919–20	137	5,126	3,955	...	77.9	22.1	...	244	63	181	67	27.4	19	23.4	...
1924–25	198	10,545	8,772	...	65.9	33.9	.2	396	112	284	48	12.1	65	16.4	...
1929–30	214	9,368	8,349	...	66.9	32.3	.8	455	167	288	53	11.6	36	7.9	...
1934–35	219	10,852	10,347	93.3	58.3	36.5	5.2	482	227	255	222	44.2	97	19.3	5.1
1938–39	205	9,866	9,607	91.9	60.4	36.0	3.6	529	265	264	317	59.9	159	30.1	5.6
1939–40	202	10,048	9,764	91.4	59.8	36.4	3.8	569	297	272	338	59.4	203	35.7	5.7
						VOCATIONAL SCHOOLS									
1919–20	12	4,790	2,771	...	...	...	...	177	...	...	...	...	...	...	...
1924–25	27	15,209	9,263	...	83.3	16.7	...	462	304	158	265	57.4	220	47.6	...
1929–30	51	29,095	20,632	...	83.5	16.5	...	979	589	390	656	67.0	481	49.1	...
1934–35	60	33,601	29,451	91.5	72.3	25.5	2.2	1,416	877	539	974	69.1	808	57.1	...
1938–39	60	38,157	34,679	93.0	68.2	30.0	1.8	1,613	1,049	564	1,187	73.6	1,057	65.5	10.5
1939–40	59	36,502	33,910	94.2	64.6	28.8	2.0	1,692	1,116	576	1,244	71.6	1,140	65.0	10.7
						SENIOR AUXILIARY SCHOOLS A									
1929–30	3	1,332	...	...	83.1	16.9	...	54	30	24	7	17.9	3	7.7	...
1934–35	5	1,671	1,357	85.5	76.3	23.7	...	66	34	32	13	18.8	3	4.3	...
1938–39	5	1,427	1,247	86.8	69.2	29.8	1.0	68	39	29	14	20.6	3	4.4	9.0
1939–40	4	1,398	1,220	87.4	71.3	27.6	1.1	69	36	33	16	23.2	4	5.8	10.0
EVENING SCHOOLS						VOCATIONAL SCHOOLS									
1919–20	49	26,527	...	...	...	...	...	845	...	...	...	...	...	...	...
1924–25	52	35,675	...	...	...	...	...	1,182	714	468	...	...	...	...	...
1929–30	67	44,431	...	...	...	...	...	1,486	954	532	...	...	...	...	...
1934–35	29	23,803	...	...	...	...	...	745	501	244	...	...	...	...	...
1938–39	52	36,481	...	...	...	...	...	1,096	784	312	...	...	...	...	...
1939–40	52	34,983	...	...	...	...	...	1,081	773	308	...	...	...	...	...
						HIGH SCHOOLS									
1919–20	24	5,042	1,789	...	...	...	...	166	...	...	...	...	...	...	...
1924–25	24	2,130	1,089	...	...	...	...	64	...	...	...	...	...	...	...
1929–30	23	3,563	916	...	...	...	...	158	...	...	...	...	...	...	...
1934–35	10	2,888	956	...	...	...	...	108	...	...	...	...	...	...	...
1938–39	8	1,808	520	...	...	...	...	76	...	...	...	...	...	...	...
1939–40	10	1,836	561	...	...	...	...	74	...	...	...	...	...	...	...

A Grade distribution of full-time enrolment thus: (1) 1st and 2nd years; (2) 3rd and 4th years; (3) 5th year.

III. TEACHERS' SALARIES

ELEMENTARY SCHOOLS

Year	Male						Female						Aggregate Salaries†
	Highest	Average					Highest	Average					
		Province	City	Town	Urban	Rural		Province	City	Town	Urban	Rural	
PUBLIC SCHOOLS													
1920......	3,500	1,575	2,150	1,674	1,964	1,059	2,975	1,000	1,262	941	1,146	868	$12,056,057
1925......	3,600	1,645	2,294	1,797	2,101	1,148	3,500	1,142	1,443	1,082	1,318	970	16,898,259
1930......	4,500	1,705	2,304	1,815	2,109	1,208	3,625	1,175	1,501	1,121	1,365	1,008	18,461,628
1935......	5,000	1,376	2,180	1,390	1,922	848*	3,700	1,035	1,531	951	1,348	710*	16,586,817
1938-39...	5,000	1,434	2,257	1,371	1,954	823*	3,800	1,077	1,559	994	1,379	714*	17,812,387
1940-41...	5,000	1,482	2,295	1,401	1,980	888*	3,800	1,109	1,631	1,008	1,412	760*	17,777,730‡
ROMAN CATHOLIC SCHOOLS													
1920......	2,000	1,027	1,155	575	1,055	841	1,250	637	668	517	614	694	$1,013,981
1925......	2,000	911	955	772	914	899	1,800	719	698	652	685	806	1,670,852
1930......	2,300	963	947	1,024	961	970	2,200	787	750	723	747	883	2,041,344
1935......	2,300	843	879	940	891	738	1,800	716	677	742	701	764	2,124,920
1938-39...	2,500	904	943	979	949	829	1,800	744	725	750	736	766	2,517,542
1940-41...	2,500	971	1003	1070	1020	890	1,800	758	735	766	748	786	2,343,990‡

SECONDARY SCHOOLS

Year	Highest			Average					Aggregate Salaries
	Principal	Male Assistant	Female Assistant	Principal	Male Assistant	Female Assistant	All Assistants	All Teachers	
COLLEGIATE INSTITUTES AND HIGH SCHOOLS									
1919-20......	4,400	3,375	3,125	2,213	2,181	1,465	1,763	1,828	$2,269,387
1924-25......	5,000	4,000	3,400	3,020	2,573	2,073	2,278	2,360	3,986,032
1929-30......	5,000	4,500	3,575	3,293	2,698	2,175	2,380	2,472	5,057,646
1934-35......	5,350	3,700	3,600	2,907	2,355	1,937	2,125	2,191	4,968,005
1938-39......	5,000	3,700	3,600	2,939	2,326	1,975	2,148	2,217	5,606,851
1939-40......	5,000	3,700	3,600	2,942	2,325	1,994	2,161	2,227	5,443,361
CONTINUATION SCHOOLS									
1919-20......	2,100	1,100	1,300	1,303	967	927	929	1,139	$317,602
1924-25......	3,400	2,000	2,100	1,803	1,400	1,394	1,395	1,600	595,629
1929-30......	3,550	2,000	2,400	1,833	1,379	1,352	1,358	1,576	727,748
1934-35......	3,100	1,600	1,800	1,466	1,091	1,056	1,069	1,242	570,006
1938-39......	2,800	2,000	1,950	1,490	1,128	1,073	1,093	1,259	631,252
1939-40......	2,800	2,100	1,950	1,507	1,137	1,101	1,114	1,273	642,947
VOCATIONAL SCHOOLS									
1919-20......	....	....	....	....	....	....	....	2,576	$455,902
1924-25......	8,125	4,325	3,375	4,343	2,563	2,232	2,483	2,575	1,525,532
1929-30......	6,600	4,700	3,575	4,274	2,660	2,356	2,531	2,612	3,062,874
1934-35......	5,350	3,700	3,600	3,726	2,426	2,135	2,318	2,371	3,260,836
1938-39......	5,000	3,700	3,600	3,837	2,535	2,290	2,445	2,499	3,869,586
1939-40......	5,000	3,700	3,600	3,875	2,546	2,280	2,452	2,504	3,805,774
SENIOR AUXILIARY SCHOOLS									
1929-30......	3,800	2,700	2,200	3,033	2,211	2,005	2,111	2,184	$117,936
1934-35......	3,300	3,150	2,500	2,931	2,294	2,150	2,225	2,277	165,013
1938-39......	3,500	2,900	2,600	3,161	2,478	2,277	2,383	2,442	171,720
1939-40......	3,500	3,000	2,600	3,201	2,533	2,281	2,413	2,471	172,984

*Excluding large suburban schools.

†Includes all teachers—regular, supply special and evening.

‡Calendar year, 1939.

IV. FINANCES

Year	Receipts				Disbursements			
	Legislative Grants	County Grants	Local Levies A	Total Receipts	Current Operations (B)	Capital Charges (C)	Total (B) and (C)	Capital Outlays
ELEMENTARY SCHOOLS								
PUBLIC AND SEPARATE SCHOOLS								
1920	$1,630,836	$70,221	$18,696,576	$29,793,158	$20,423,938	$4,792,570	$25,216,508	$4,792,571
1925	3,401,863	87,969	24,602,324	40,762,782	29,255,921	4,042,896	33,298,817	4,042,896
1930	3,753,499	140,138	29,151,683	47,846,794	28,367,984	4,830,853	33,198,837	4,753,237
1935	3,013,917	98,404	24,064,856	33,583,735	25,372,263	4,007,155	29,379,418	525,460
1938	4,419.300	195.998	27,403.153	36.586,953	27,440,931	4,704,156	32,145,087	1,494.128
1939	4,634,670	215,336	27,799,089	38,829,530	27,968,144	4,517,207	32,485,351	1,876,077
PUBLIC SCHOOLS								
1920	$1,497,164	$70,221	$17,050,127	$27,125,849	$18,516,573	$4,327,472	$22,844,045	$4,327,472
1925	3,162,518	87,969	22,132,924	35,955,783	25,619,051	3,295,807	28,914,858	3,295,807
1930	3.396,681	118,598	25,934,733	41,688,303	25,374,753	4,038,740	29,413,493	3,946,677
1935	2,469,022	79,578	21,299,675	29,158,953	22,326,765	3,246,707	25,573,472	425,675
1938	3.439,051	175,023	24,350,564	31,386,918	24,060,099	3,987,687	28,047,786	1,053,503
1939	3,593,213	194,920	24,792,752	33,288,866	24,401,902	3,822,860	28,224,762	1,425,546
ROMAN CATHOLIC SEPARATE SCHOOLS								
1920	$133,672	E	$1,646,451	$2,667,309	$1,907,365	$465,098	$2,372,463	$465,099
1925	239,345	E	2,669,400	4,806,999	3,636,870	747,089	4,383,959	747,089
1930	356,818	$21,540	3,216,950	6,158,491	2,993,231	792,113	3,785,344	806,560
1935	544,895	18,826	2,765,181	4,424,782	3,045,498	760,448	3,805,946	99,785
1938	980,249	20,975	3,052,589	5.200.035	3.380,832	716,469	4,097,301	340,625
1939	1,041,457	20,416	3,006,337	5,540,664	3,566,242	694,347	4,260,589	450,531
PROTESTANT SEPARATE SCHOOLS								
1920	$782	E	$12,403	$16,771	$13,138	....	$13,138	$2,509
1925	1,244	E	14,372	19,569	17,332	....	17,332	428
1930	1,951	E	11,444	16,531	13,068	....	13,068	603
1935	1,286	E	7,447	12,317	11,224	....	11,224	....
1938	1,895	E	10,239	14,237	9,758	....	9,758	1,458
1939	2,466	E	12,136	16,162	10,253	....	10,253	5,224
SECONDARY SCHOOLS								
COLLEGIATE INSTITUTES AND HIGH SCHOOLS								
1920	$176,159	$509,776	$2,323,610	$4,065,050	....	....	$3,224,668	$364,264
1925	391,925	1,243,157	4,085,918	8,489,390	....	....	6,425,470	1,464,036
1930	472,655	1,764,313	5,962,393	12,929,308	$6,676,267	$1,459,322	8,135,589	2,055,896
1935	441,344	1,496,264	5,326,796	8,793,398	6,272,830	1,528,119	7,800,949	236,057
1938	862,363	1,112,173	6,520,568	9,473,763	6,914,904	1,630,768	8,545,672	293,302
1939	885,269	1,195,169	6,595,277	10,407,419	7,088,674	1,646,878	8,735,552	950,293
CONTINUATION SCHOOLS								
1920	$113,879	$125,127	$199,593	$548,411	....	....	$438,311	$34,773
1925	184,385	355,727	322,956	1,275,180	....	....	894,477	207,378
1930	228,673	442,101	448,984	1,637,413	$ 957,529	$145,121	1,102,650	174,272
1935	174,764	337,820	292,971	1,196,847	755,835	119,710	875,545	40,347
1938	224.437	287,041	391.051	1,326,994	806,998	133,866	940,864	158,319
1939	246,516	289,109	540,076	1,396,616	877,621	161,320	1,038,941	77,521
VOCATIONAL SCHOOLS								
1920	$140,294	E	$340,914	$832,134	....	....	$541,902	$117,150
1925	743,427	E	1,778,559	3,497,255	....	....	3,045,433	320,000
1930	1,144,052	$207,927	3,634,260	9,233,601	$4,197,207	$735,797	4,933,004	3,167,393
1935	1,109,091	243,886	3,882,809	5,801,732	4,064,112	1,127,324	5,191,436	38,795
1938	1,170.531	373.041	4,430.122	6,600,403	4,532,550	1,247,690	5.780,240	174,710
1939	1,205,081	371,973	4,412,060	7,181,197	4,714,938	1,238,806	5,953,744	349,635
SENIOR AUXILIARY SCHOOLS								
1930	$47,200	....	$129,443	$192,463	$156,911	$6,789	$163,700	$2,983
1935	53.834	....	204,389	272,549	229,346	23,106	252.452	....
1938	42,748	....	214,012	287,249	249,301	23,043	272,344	1,684
1939	43,689	....	220,243	280,135	249,347	22,554	271,901	1,584

A—Includes Township Grants and School District Levies.
E—Included with Local Levies.

V. TEACHERS IN TRAINING

(This Table is intended to show only the new teachers added to the Profession)

Year	Student Teachers Enrolled							Interim Certificates Issued						Total Newly Certificated Teachers
								Secondary		Elementary				
	College of Education (Toronto) A	Technical Training College (Hamilton)	Provincial Normal Schools C	English-French Model Schools	Summer Model Schools	Autumn Model Schools	Total	High School Assistant	Vocational School Assistant	Interim First Class	Interim Second Class	Limited Third Class	District	
1919-20	455	......	1,357	72	126	274	2,284	114	......	197	1,217	220	119	1,867
1924-25	337	......	2,884 A	D	146	217	3,584	275	......	539	1,650	278B	237	2,927
1929-30	437	44	3,607 A	...	69	D	4,157	365	37	669	703	52	8	1,834
1934-35	536	60	2,537 A	.....	51	......	3,184	498	34	1,410	596	40	8	2,586
1937-38	352	47	1,087	.....	D	......	1,486	295	28	1,165	149	......	......	1,637
1938-39	496	54	990	.....	......	......	1,540	383	21	1,267	150	......	......	1,821
1939-40	504	36	1,229	.....	......	......	1,769	397	22	1,512	118	......	......	2,049

A Includes extra-mural Students.
B 52 of these previously held District Certificates.
C Located at Hamilton, London, North Bay, Ottawa, Peterborough, Stratford and Toronto.
D Discontinued.

VI. DEPARTMENTAL SUMMER COURSES ENROLMENT BY SUBJECTS IN RECENT YEARS

(The Summer Courses are conducted by the Department of Education for the benefit of Teachers, who desire to spend a part of their summer vacation in an effort to improve their academic and professional standing, and thus to become more efficient in carrying on with a modernized curriculum.)

Courses	Centre	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940‡
Agriculture	Guelph, Kemptville	487	513	378	350	566	1,121	1,336	965	577	.....
Art	Toronto	261	353	183	192	223	292	321	303	389	.....
Auxiliary Classes	Toronto	158	.....	66	78	109	134	130	174	178	218
Cadet Corps	.....	63	.....	.....	.....	.....	.....	.....	.....	.....	.....
Commercial	Toronto	307	238	194	175	175	216	258	261	233	210
Education	See below	.....	.....	.....	.....	.....	668	1,385	1,213	1,152	1,598
English-French	See below	700	806	372	305	329	253	224	212	153	135
Farm Mechanics	Guelph	.....	.....	.....	.....	.....	25	23	27	18	.....
Health Teaching	Toronto	.....	.....	45	53	84	176	213	305	153	.....
High School Assistant's	Toronto	67	99	84	79	87	51	64	82	64	57
Household Arts	See below	.....	.....	.....	.....	.....	.....	48	.....	.....	.....
Household Science	See below	87	.....	24	28	55	158	365	.....	.....	.....
Home Economics—Type A	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	.....
Type B	See below	.....	.....	.....	.....	.....	.....	.....	117	100	.....
Type C	.....	.....	.....	.....	.....	.....	.....	.....	437	433	.....
Kindergarten-Primary	London, Toronto, Ottawa	308	.....	169	205	208	279	320	308	306	487
Latin Refresher	Toronto	.....	.....	.....	.....	.....	.....	.....	70	53	73
Manual Training—											
(a) Elementary, Type A	Hamilton	64	.....	32	33	62	102	231	154	132	.....
(b) Elementary, Type B	Ottawa	.....	.....	.....	.....	.....	.....	.....	358	423	.....
(c) Specialist	Hamilton	.....	.....	.....	.....	.....	.....	.....	47	55	20
(d) Extension	Hamilton	.....	.....	.....	.....	.....	.....	.....	20	4	.....
Middle School	.....	11	.....	.....	.....	.....	.....	.....	.....	.....	.....
Music—Vocal	Toronto, London	276	.....	152	196	409	502	693	970	995	970
Instrumental	Toronto, London	.....	.....	.....	.....	.....	11	73	.....	.....	.....
Oral French	Quebec	80	.....	62	59	48	46	57	45	55	.....
Physical Education	See below	351	.....	314	271	271	252	199	175	225	.....
Refresher Courses in Science	Toronto	61	.....	20	15	17	.....	.....	.....	.....	.....
Refresher Courses in English and History	.....	56	.....	.....	.....	.....	.....	.....	.....	.....	.....
School Nurses	Toronto	34	.....	.....	34	.....	.....	.....	.....	.....	.....
School Librarian's Course	Toronto	32	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shop Work—General	Hamilton	.....	.....	.....	.....	.....	.....	16	.....	.....	.....
Special	Hamilton	.....	.....	.....	.....	.....	.....	120	.....	.....	.....
Upper School	See below	910	.....	695	701	610	637	449	424	393	283
Vocational Courses	Hamilton	305	203	120	78	81	70	73	96	104	60
Vocational Guidance	Hamilton	19	.....	12	20	.....	6	.....	32	27	26
Visual Aids	.....	.....	.....	.....	.....	.....	.....	.....	.....	56	.....
Total	.....	4,637	‡2,212	2,922	2,872	3,334	5,039	6,598	6,795	6,289	4,137

1940 Centres: Education—Ottawa, Kingston, London, Toronto.
Upper School—Ottawa, Windsor, Kingston, Toronto, London, North Bay.
English-French—Ottawa, Windsor, Haileybury.

‡In the interests of economy a curtailment was made in the number of courses offered.

VII. TREND IN GRADE OF CERTIFICATES OF FRENCH-SPEAKING TEACHERS IN ENGLISH-FRENCH SCHOOLS

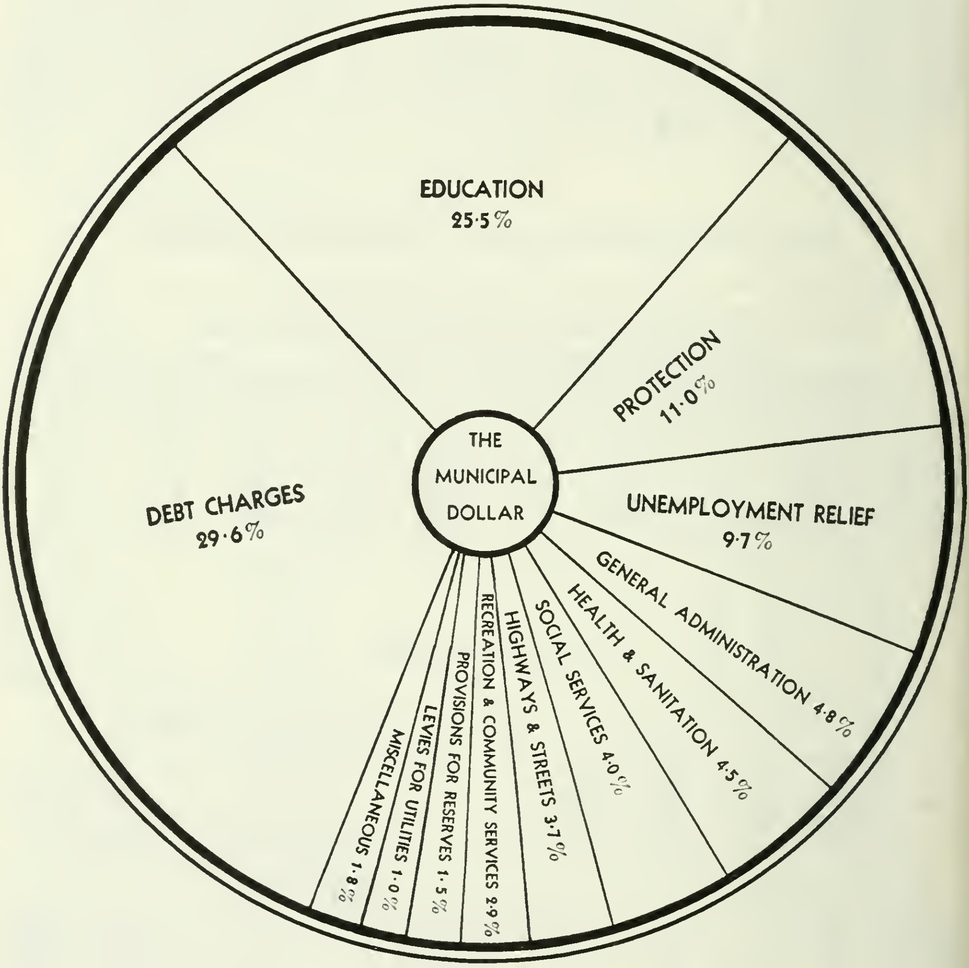
Year	Number of Teachers	First Class		Second Class		Third Class		District		Temporary		Permanent Ungraded	
		Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.	Number	Per cent.
1929-30	1,087	30	2.76	243	22.36	537	49.40	44	4.04	205	18.86	28	2.58
1931-32	1,108	72	6.50	319	28.79	442	39.89	25	2.26	232	20.94	18	1.62
1933-34	1,202	117	9.73	465	38.69	449	37.35	6	.51	145	12.06	20	1.66
1935-36	1,257	155	12.33	710	56.48	293	23.31	4	.33	81	6.44	14	1.11
1937-38	1,298	216	16.72	856	66.25	144	11.15	2	.16	68	5.26	12	.46
1938-39	1,297	221	17.04	914	70.47	97	7.48	3	.23	50	3.85	12	.93
1939-40	1,375	250	18.19	1,010	73.45	74	5.38	......	......	34	2.47	7	.51
1940-41	1,416	278	19.64	1,033	72.95	61	4.31	......	......	37	2.61	7	.49

VIII. HIGH SCHOOL ENTRANCE EXAMINATION RESULTS

Year	Candidates		Successful Candidates						Percentage of those attempting the written test who were successful
	Number	Percentage of Grade VIII May Enrolment	By Recommendation		By Writing		Total		
			Number	Per cent.	Number	Per cent.	Number	Per cent.	
1919-20	27,916	....	5,202	18.6	16.849	60.4	22,051	79.0	74.2
1924-25	40,409	77.1	10,917	27.0	20,702	51.2	31,619	78.2	70.2
1929-30	47,438	76.5	13,896	29.3	24,598	51.9	38,494	81.1	73.3
1934-35	55,092	84.5	28,359	51.5	17,378	31.5	45,737	83.0	65.0
1937-38	55,351	96.2	31,795	57.4	15,922	28.8	47,717	86.2	67.6
1938-39	57,125	95.3	32,650	57.2	16,932	29.6	49,582	86.8	69.2
1939-40	56,832	94.2	33,236	58.5	14,706	25.9	47,942	84.4	62.3

IX. FIFTH CLASSES

Year	Number of Schools Conducting Fifth Class Work	Fifth Class Enrolment in these Schools	Number of Fifth Classes Qualifying for Legislative Grant	Enrolment in Qualifying Fifth Classes	Grading			Distribution of Qualifying Classes, with Average Enrolment per Class						Legislative Grant
								Public				Separate		
								Counties		Districts				
					A	B	C	No.	Aver. Enrol.	No.	Aver. Enrol.	No.	Aver. Enrol.	
1919-20	....	....	106	....	47	46	13	....	......	....	......	....	......	$18,993
1924-25	468	....	193	1,878	93	69	31	108	7.8	46	8.7	39	16.0	28,396
1929-30	1,773	9,911	342	2,529	113	108	121	176	5.6	102	5.8	64	14.6	47,507
1934-35	1,716	10,732	541	4,332	149	155	237	306	6.4	124	5.5	106	12.6	56,643
1937-38	1,521	10,914	523	3,955	159	160	204	271	7.4	146	5.4	106	10.9	70,857
1938-39	1,452	9.811	520	4,082	161	166	193	260	7.6	150	5.7	110	11.2	63,300
1939-40	1,370	10,987	514	4,083	167	155	192	238	7.3	160	5.9	116	12.1	68,226



EDUCATION AND THE MUNICIPAL DOLLAR.
CITIES OF ONTARIO

Graph 4.

Cities	Assessed Population	Total Expenditures on these Services	Education Cost per capita of assessed population	Percentages Devoted to Each Service: Education	Debt Charges	Protection	Unemployment Relief	General Administration	Health and Sanitation	Social Services Hospital and Miscellaneous Welfare	Highways and Streets	Recreation and Community Services	Provision for Reserves	Deficits of and Levies for Utilities and Institutional Services	Miscellaneous
GROUP A		$	$												
1 Toronto	648,098	47,362,812	17.14	23.4	33.6	11.0	9.8	3.4	5.3	3.7	2.6	2.9	1.1	1.3	1.9
GROUP B															
2 Hamilton	155,511	8,885,702	14.40	25.2	34.0	11.1	9.7	5.6	3.7	5.2	2.0	2.9	.5	....	.1
3 Ottawa	150,277	8,267,900	13.13	23.9	28.5	11.3	10.4	4.4	3.3	6.5	5.7	2.0	1.0	....	3.0
4 Windsor	103,571	5,453,539	17.66	33.5	15.2	11.4	14.9	7.8	4.5	2.7	1.8	2.8	4.3	.6	.5
5 London	75,176	4,704,558	15.61	24.9	24.0	9.5	6.4	6.6	5.3	4.2	5.3	3.0	2.8	5.3	2.7
Totals and Averages	484,535	27,311,699	14.89	26.4	26.9	10.9	10.4	5.9	4.0	4.9	3.6	2.7	1.8	1.0	1.5
GROUP C															
6 Kitchener	33,281	1,591,871	12.10	25.3	30.4	9.5	5.6	7.5	5.1	6.4	4.6	2.8	2.0	....	.8
7 Brantford	30,947	1,640,052	10.80	20.4	30.5	11.5	11.3	4.7	4.0	4.4	5.3	2.7	1.0	2.0	2.2
8 St. Catharines	28,625	1,341,345	13.28	28.3	12.7	11.7	13.3	7.1	3.8	3.7	5.7	4.9	2.2	....	6.6
9 Kingston	26,741	979,669	11.65	31.8	21.9	12.0	6.9	8.0	2.1	5.7	5.7	1.8	4.1	....	......
10 Oshawa	25,035	1,266,132	14.68	29.0	30.9	8.5	13.6	5.6	2.3	1.9	2.4	1.1	2.8	....	1.9
11 Peterborough	24,400	1,049,265	14.18	33.0	21.5	13.2	7.2	5.6	3.3	2.8	9.4	2.2	......	....	1.8
12. Guelph	22,500	943,829	10.14	24.2	31.0	10.8	8.4	6.1	3.7	4.6	4.2	3.4	1.9	....	1.7
Totals and Averages	191,529	8,812,163	12.38	26.9	25.9	10.9	9.6	6.3	3.6	4.3	5.2	2.8	1.9	.4	2.2
GROUP D															
13 Sudbury	32,301	1,262,271	10.60	27.1	20.8	11.1	6.3	8.9	5.4	2.3	12.3	2.3	3.5	....	......
14 Fort William	24,843	1,558,702	20.63	32.9	22.9	11.2	5.4	5.5	2.2	3.7	6.0	3.6	1.3	3.2	2.1
15 Sault Ste. Marie	24,368	999,670	15.02	36.6	17.7	12.0	7.2	5.1	2.5	3.6	10.5	2.7	1.2	....	.9
16 Port Arthur	23,790	1,357,479	16.05	28.1	24.5	11.1	9.0	5.9	2.8	5.0	4.8	3.9	.7	....	4.2
17 North Bay	16,013	851,602	14.92	28.1	31.9	7.7	10.3	6.4	2.6	3.1	4.0	1.9	4.0	....	......
Totals and Averages	121,315	6,029,724	15.18	30.5	23.2	10.8	7.4	6.4	3.1	3.6	7.5	3.0	2.1	.8	1.6
GROUP E															
18 Niagara Falls	18,770	1,032,653	14.61	26.5	24.6	12.5	14.4	6.8	3.3	1.8	5.5	3.7	......	....	.9
19 Sarnia	17,979	869,708	14.65	30.3	22.2	12.3	5.0	6.5	3.6	3.0	8.3	3.3	4.2	....	1.3
20 Stratford	17,163	789,600	13.21	28.7	24.7	11.2	8.9	7.1	5.9	1.9	4.4	3.9	1.9	....	1.4
21 Chatham	17,148	627,458	12.26	33.5	13.2	17.7	3.7	4.2	3.1	5.8	8.2	4.5	......	....	6.1
22 St. Thomas	16,461	747,365	12.75	28.1	20.0	13.2	5.6	6.3	6.6	4.1	6.3	4.6	2.1	.5	2.6
23 Belleville	14,876	629,580	13.01	30.7	28.3	11.7	6.4	7.1	2.4	4.0	4.3	1.9	3.0	....	.2
24 Galt	14,584	662,238	11.70	25.8	34.2	8.5	4.4	8.3	2.6	5.9	5.4	3.5	1.4	....	......
25 Owen Sound	13,599	562,580	13.58	32.8	23.0	8.5	5.4	7.6	2.2	1.6	6.7	3.7	......	4.4	4.1
26 Woodstock	11,584	385,209	11.63	35.0	20.3	12.3	6.4	5.5	5.6	3.7	6.2	4.3	.3	....	.4
27. Welland	11,568	527,727	16.86	37.0	21.1	11.2	4.5	6.7	2.3	1.8	6.2	2.6	2.3	....	4.3
Totals and Averages	153,732	6,834,118	13.42	30.2	23.3	12.0	6.9	6.7	3.8	3.3	6.1	3.6	1.6	.5	2.0
Grand Totals and Averages	1,599,209	96,350,516	15.38	25.5	29.6	11.0	9.7	4.8	4.5	4.0	3.7	2.9	1.5	1.0	1.8

NOTE:—Basic figures, courtesy Dept. of Municipal Affairs.

CONTENT

Education—General maintenance, and debenture charges.

Debt Charges—General, local improvement, public utility, housing, etc., but excluding schools.

Protection—Administration of justice, fire protection, hydrant rental, street lighting, traffic control.

Unemployment Relief—Gross cost, including administration.

General Administration—Auditors, tax discounts, elections, interest on loans, legal costs, maintenance of municipal buildings, grants (other than Charity and Welfare), indemnities to Mayor and Council, office expenses.

Health and Sanitation—Board of Health expenditures, garbage collections, sewer maintenance.

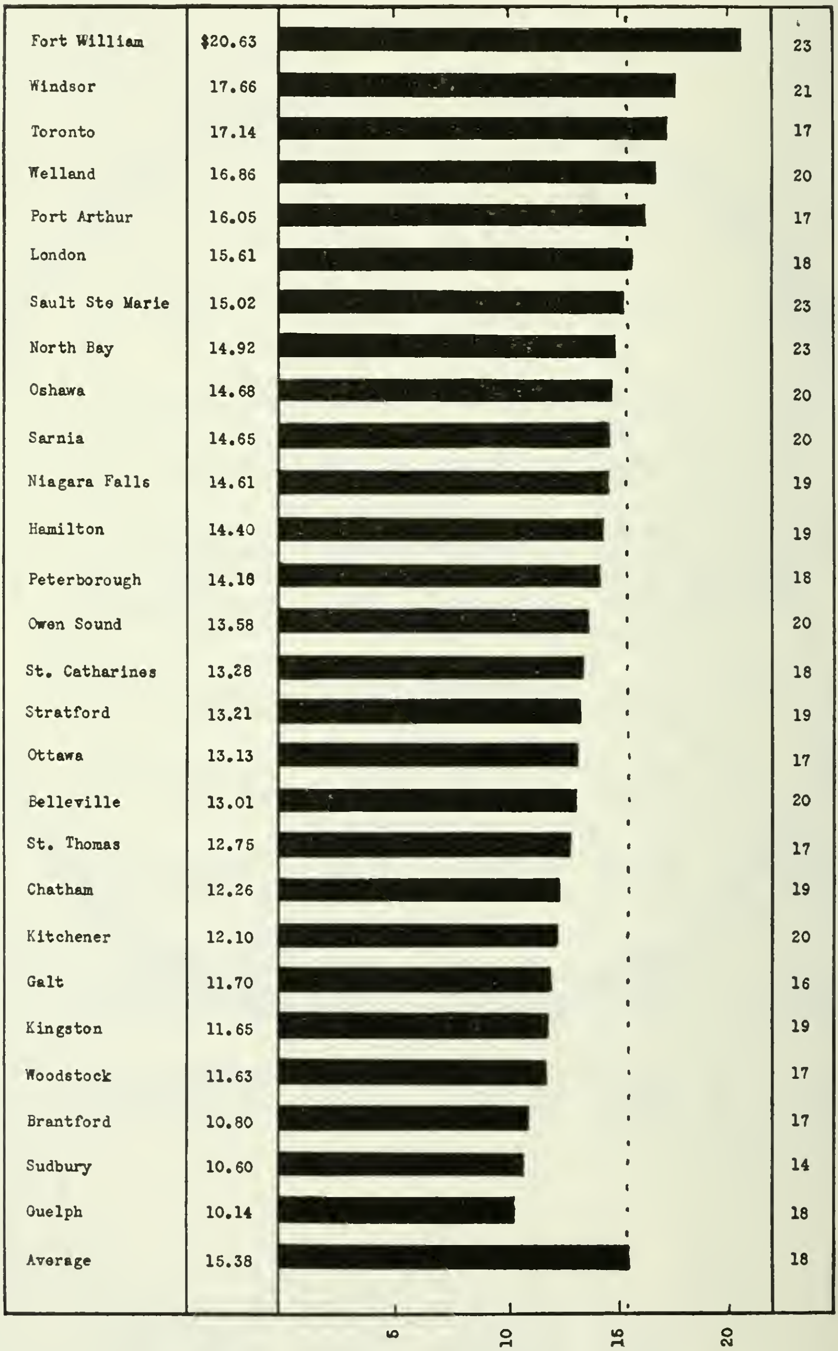
Social Services, Hospital and Miscellaneous Welfare—Charity, child welfare, grants, hospitalization, House of Refuge, mothers' allowances, old age pensions.

Highways and Streets—Cleaning, watering and oiling; repairs and maintenance.

Recreation and Community Services—Parks, playgrounds, rinks, cemeteries, housing commission deficits, library costs.

Miscellaneous—Payments to other municipalities, payments to County on roads, etc.

PER CAPITA COST OF EDUCATION, AND SCHOOL ENROLMENT PER 100 OF POPULATION, ONTARIO CITIES, 1940



Fort William	$20.63	23
Windsor	17.66	21
Toronto	17.14	17
Welland	16.86	20
Port Arthur	16.05	17
London	15.61	18
Sault Ste Marie	15.02	23
North Bay	14.92	23
Oshawa	14.68	20
Sarnia	14.65	20
Niagara Falls	14.61	19
Hamilton	14.40	19
Peterborough	14.18	18
Owen Sound	13.58	20
St. Catharines	13.28	18
Stratford	13.21	19
Ottawa	13.13	17
Belleville	13.01	20
St. Thomas	12.75	17
Chatham	12.26	19
Kitchener	12.10	20
Galt	11.70	16
Kingston	11.65	19
Woodstock	11.63	17
Brantford	10.80	17
Sudbury	10.60	14
Guelph	10.14	18
Average	15.38	18

Graph 5.

(Paid during the Government Fiscal Year April 1st to March 31st)

SCHOOLS	GRANTS	1938-39				1939-40			
		Public Schools	Separate Schools	Totals		Public Schools	Separate Schools	Totals	
ELEMENTARY	General: Counties	$1,588,721	$183,913	$1,772,634		$1,630,321	$200,301	$1,830,622	
	Districts	660,945	233,140	894,086		723,902	246,784	970,686	
	Cities	319,413	151,631	471,044		326,044	207,609	533,653	
	Towns	245,361	207,550	452,911		269,162	252,236	521,398	
	Villages	141,483	22,580	164,063		151.580	28,257	179,837	
		$2,995,923	**$798,814**	**$3,754,738**		**$3,101,009**	**$935,187**	**$4,036,196**	
	Assisted: Counties	$7,300	$34,125	$41,425		$18,299	$51,172	$69,471	
	Districts	26,871	16,695	43,566		29,358	14,160	43,518	
	Special	987	....	987		1,125	....	1,125	
		$35,158	**$50,820**	**$85,978**		**$48,962**	**$65,332**	**$114,294**	
	Special: Kindergarten	$15,728	$200	$15,928		$15,350	$164	$15,514	
	Night School	2,413	....	2,413		2,161	....	2,161	
	Consolidated School	37,210	....	37,210		39,770	....	39,770	
	Agriculture	225,268	30,688	255,956		206,225	26,098	232,323	
	Man. Train. and House. Science	115,688	13,425	129,113		116,254	17,418	133,672	
	Home Econ., and General Shop	2,847	8,503	11,350		20,010	23,948	43,958	
	Fifth Class	56,279	15,769	72,048		49,750	14,625	64,375	
	Music	115,131	4,253	119,384		102,394	4,816	107,210	
	Medical and Dental Inspection	12,358	482	12,840		12,307	585	12,892	
	Auxiliary Classes	73,752	9,825	83,577		73,103	9,952	82,965	
	Art	11,539	2,724	14,263		10,592	2,603	13,195	
		$668,213	**$85,869**	**$754,082**		**$647,916**	**$100,219**	**$748,125**	
	Totals	**$3,699,294**	**$935,503**	**$4,634,797**		**$3,797,887**	**$1,100,738**	**$4,898,625**	
SECONDARY		Continuation Schools	High Schools and Collegiate Institutes	Vocational Schools	Totals	Continuation Schools	High Schools and Collegiate Institutes	Vocational Schools	Totals
	General	$198,742	$774,051	$854,791	$1,934,168	$209,058	$806,322	$758,214	$1,878,048
	Building	....	....	327,832	327,832	....	....	318,552	318,552
	Special: Agriculture	10,858	28,575	....	39,433	10,817	27,045	....	37,862
	Home Econ. and General Shop	22,371	61,996	4,310	88,677	49,202	191,579	....	240,781
	Music	7,503	9,115	....	16,618	4,946	10,182	....	15,128
	Mining	....	....	4,000	4,000	....	....	4,000	4,000
	Night School	....	3,655	108,584	....	....	3,495	104,454	107,949
		$40,732	**$103,341**	**$116,894**	**$148,728**	**$64,965**	**$232,301**	**$108,454**	**$301,266**
	Totals	**$239,474**	**$877,392**	**$1,297,517**	**$2,414,383**	**$274,023**	**$1,038,623**	**$1,185,220**	**$2,497,866**
UNIVERSITIES		Toronto	Western	Queen's	Totals	Toronto	Western	Queen's	Totals
	Regular	$634,113	$285,000	$275,000	$1,194,113	$577,000	$260,000	$250,000	$1,087,000
	Special	1,100,000	....	....	1,100,000	1,000,000	....	....	1,000,000
	Totals	**$1,734,113**	**$285,000**	**$275,000**	**$2,294,113**	**$1,577,000**	**$260,000**	**$250,000**	**$2,087,000**
	Grand Totals	....	....	....	**$9,343,293**	....	....	....	**$9,483,491**

The above statement does not contain grants paid to various educational organizations, nor the following payments made to the University of Toronto—Capital Grant of $65,638 each year, and payment for training of High School Assistants ($236,025 in 1938-39, and of $246,000 in 1939-40).

THE PUBLIC AND SEPARATE SCHOOLS

TABLE 1—DISTRIBUTION OF ELEMENTARY PROVINCIALLY-CONTROLLED SCHOOLS

Schools in Operation, 1939-40

	PUBLIC					SEPARATE				
	Rural	City	Town	Village	Total	Rural	City	Town	Village	Total
In Counties										
Addington	23				23	1				1
Brant	61	11	3		75		3	1		4
Bruce	164		6	10	180	11		1	2	14
Carleton	111	19	1	2	133	23	36	3		62
Dufferin	86		1	2	89				9	
Dundas	70				74	2			1	3
Durham	93		3	2	98					
Elgin	105	7	1	6	119		1			1
Essex	115	19	10	1	145	29	19	13	1	62
Frontenac	134	8		1	143	9	3		1	13
Glengarry	70		1	2	73	17		1	1	19
Grenville	67		1	3	71			1		1
Grey	217	5	4	6	232	7	1	1		9
Haldimand	72		1	4	77					
Haliburton	48				48					
Halton	61		7	1	69			1		1
Hastings	176	4	3	7	190	5	1	1	2	9
Huron	179		5	4	188	7		2		9
Kent	139	3	7	3	152	11	2	3		16
Lambton	170	8	2	8	188	2	2			4
Lanark	116		9	1	126	3		3		6
Leeds	137		6	3	146	2		3	1	6
Lennox	81		2	1	84					
Lincoln	64	12	6	2	84		5	1	1	7
Middlesex	180	20	3	5	208	4	12	1		17
Norfolk	101		2	4	107	2		1	1	4
Northumberland	103		3	3	109	6		2	1	9
Ontario	122	8	4	3	137	1	2	1		4
Oxford	108	5	3	3	119		1	2		3
Peel	78		2	3	83	1				1
Perth	112	7	4	1	124	7	2	1		10
Peterborough	98	6		3	107	5	4			9
Prescott	49		2	2	53	64		4		68
Prince Edward	70		2	2	74			1		1
Renfrew	162		6	5	173	19		4	3	26
Russell	25		1		26	51		3	1	55
Simcoe	213		19	7	239	4		5		9
Stormont	76		1	1	78	10		3		13
Victoria	97		4	4	105	2		2		3
Waterloo	84	11	6	2	103	7	7	3		17
Welland	83	13	9	5	110		1	1		2
Wellington	142	7	3	6	158	5	3	1	3	12
Wentworth	74	31	1	2	108	1	18	1		20
York	189	88	12	9	298	13	34	4	2	53
Totals	4,725	292	166	143	5,326	331	157	77	21	586
In Districts										
Algoma	92	10	4	1	107	5	6	1		12
Cochrane	78		11		89	63		11		74
Kenora	36		7		43	1		3		4
Manitoulin	42		2		44	1		1		2
Muskoka	90		6	3	99	2				2
Nipissing	72	5	3		80	41	5	5		51
Parry Sound	118		5	4	127	1		1		2
Patricia	3				3					
Rainy River	62		2		64	3		2		5
Sudbury	104	6	6		116	35	6	3		44
Timiskaming	76		7	1	84	14		5	1	20
Thunder Bay	109	17	1		127	2	7			9
Totals	882	38	54	9	983	168	24	32	1	225
Grand Totals	5,607	330	220	152	6,309	499	181	109	22	811

British War Refugee Children attending Ottawa Public Schools.

There are now in Ontario 1,253 of these pupils. Approximately three-fourths are in cities, and the balance are scattered over practically every county and district.

TABLE 2—ENROLMENT AND ATTENDANCE, 1939-40

RURAL SCHOOLS*	May Enrolment			Average Attendance for the School Year			Days Lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
In Counties												
Addington....	515	44	559	458	44	502	22.3	21.4	22.2	88.7	90.1	88.8
Brant........	1,872	....	1,872	1,658	....	1,658	19.3	......	19.3	90.0	......	90.0
Bruce........	3,119	460	3,570	2,698	449	3,147	17.7	16.4	17.8	90.5	91.8	90.7
Carleton.....	3,156	1,422	4,578	2,706	1,289	3,995	20.7	18.5	20.0	89.3	90.7	89.8
Dufferin......	1,507	....	1,507	1,273	....	1,273	22.5	......	22.5	88.1	......	88.1
Dundas......	1,558	25	1,583	1,406	23	1,429	18.3	13.6	18.0	90.7	92.8	90.8
Durham......	2,047	....	2,047	1,756	....	1,756	19.2	......	19.2	89.5	......	89.5
Elgin........	2,924	....	2,924	2,587	....	2,587	13.2	......	13.2	89.5	......	89.5
Essex........	4,667	1,625	6,292	4,160	1,510	5,670	17.9	13.2	16.6	90.7	93.1	91.3
Frontenac....	3,074	146	3,220	2,550	114	2,664	26.1	24.0	26.0	86.1	86.3	86.2
Glengarry....	1,647	648	2,295	1,458	580	2,038	22.2	16.9	20.7	88.6	91.0	89.3
Grenville.....	1,228	....	1,228	1,037	....	1,037	23.0	......	23.0	87.8	......	87.8
Grey.........	4,643	103	4,746	4,107	90	4,197	20.0	23.2	20.1	89.7	87.9	89.7
Haldimand...	1,848	....	1,848	1,697	....	1,697	18.0	......	18.0	90.5	......	90.5
Haliburton...	1,292	....	1,292	1,076	....	1,076	28.0	......	28.0	83.9	......	83.9
Halton.......	1,601	....	1,601	1,436	....	1,436	18.4	......	18.4	90.5	......	90.5
Hastings.....	4,536	178	4,714	3,911	167	4,078	21.8	15.7	21.5	88.6	92.0	88.7
Huron.......	3,974	198	4,172	3,557	188	3,745	18.1	16.5	18.0	90.6	91.6	90.7
Kent.........	4,610	410	5,020	4,053	374	4,427	20.2	18.8	20.1	89.5	90.4	89.5
Lambton.....	3,864	45	3,909	3,452	36	3,488	18.3	18.3	18.3	90.6	89.6	90.6
Lanark.......	1,959	40	1,999	1,655	38	1,693	22.9	15.5	22.8	87.9	92.7	88.0
Leeds........	2,549	22	2,571	2,206	15	2,221	22.2	22.6	22.3	88.3	80.4	88.3
Lennox.......	1,523	....	1,523	1,319	....	1,319	22.0	......	22.0	88.6	......	88.6
Lincoln.......	2,837	....	2,837	2,537	....	2,537	16.9	......	16.9	91.2	......	91.2
Middlesex....	4,621	72	4,693	4,102	60	4,162	19.0	21.7	19.1	90.1	88.0	90.2
Norfolk......	3,648	144	3,792	3,110	121	3,231	25.0	17.8	24.7	86.8	90.8	86.9
Northumberl'd	2,474	69	2,543	2,103	57	2,160	22.7	27.3	22.8	88.0	86.1	87.9
Ontario......	3,280	55	3,335	2,910	55	2,965	18.2	30.7	18.3	90.5	86.3	90.5
Oxford.......	3,676	....	3,676	3,158	....	3,158	16.3	......	16.3	91.2	......	91.2
Peel.........	2,465	6	2,471	2,196	6	2,202	19.6	8.3	19.6	90.0	95.7	90.0
Perth........	3,133	289	3,422	2,675	214	2,889	19.1	19.3	19.1	89.7	89.7	89.7
Peterborough..	2,184	109	2,293	1,855	93	1,948	23.3	24.5	23.4	88.0	87.0	87.9
Prescott......	1,039	2,133	3,172	901	1,917	2,818	19.1	14.1	15.7	89.9	92.7	91.8
Prince Edward	1,474	....	1,474	1,272	....	1,272	21.3	......	21.3	87.8	......	87.8
Renfrew......	4,014	610	4,624	3,323	570	3,893	26.1	18.7	25.2	85.7	90.1	86.3
Russell.......	631	2,211	2,842	557	2,055	2,612	18.6	13.7	14.8	90.3	92.8	92.3
Simcoe.......	5,329	277	5,606	4,771	265	5,036	22.1	13.2	21.7	88.5	93.4	88.8
Stormont.....	2,411	1,204	3,615	1,984	1,078	3,062	18.2	11.1	15.8	89.9	89.5	89.8
Victoria......	1,871	60	1,931	1,536	54	1,590	21.6	14.7	21.5	88.6	92.2	88.7
Waterloo.....	3,319	403	3,722	3,033	393	3,426	11.5	10.0	11.3	93.8	94.8	94.0
Welland......	2,805	....	2,805	2,493	....	2,493	18.6	......	18.6	90.3	......	90.3
Wellington....	3,313	116	3,429	2,910	106	3,016	18.0	15.6	17.9	90.5	91.9	90.6
Wentworth...	3,371	105	3,476	2,962	100	3,062	19.7	11.4	19.4	89.7	94.8	90.0
York.........	6,136	1,884	8,020	5,406	1,738	7,144	18.6	16.7	18.1	90.4	92.0	90.8
Totals and Averages.	123,744	15,113	138,857	108,010	13,799	121,809	19.9	15.4	19.4	89.4	91.8	89.7
In Districts												
Algoma......	2,963	436	3,399	2,518	390	2,908	22.3	17.3	21.6	88.2	90.9	88.5
Cochrane.....	2,197	2,755	4,952	1,825	2,439	4,264	23.0	20.3	21.5	87.9	89.3	88.7
Kenora.......	1,241	38	1,279	1,081	34	1,115	17.9	19.0	18.0	90.4	90.2	90.4
Manitoulin...	1,146	80	1,226	932	73	1,005	23.8	31.2	23.9	87.7	85.0	87.5
Muskoka.....	2,072	81	2,153	1,813	65	1,878	22.4	36.8	22.5	88.0	80.8	88.0
Nipissing	2,025	1,830	3,855	1,728	1,645	3,373	20.7	15.5	18.2	88.8	91.8	90.2
Parry Sound..	2,683	23	2,706	2,339	15	2,354	22.6	35.2	22.7	86.3	77.7	86.3
Patricia......	35	....	35	32	....	32	11.4	......	11.4	94.1	......	94.1
Rainy River..	1,771	68	1,839	1,485	58	1,543	21.2	20.7	21.2	88.6	88.8	88.6
Sudbury......	2,940	1,945	4,885	2,544	1,757	4,301	20.2	16.0	18.5	89.3	91.5	90.2
Timiskaming..	2,131	1,701	3,832	1,774	1,406	3,180	24.5	12.0	19.0	86.9	93.8	90.0
Thunder Bay	3,053	79	3,132	2,651	72	2,723	21.2	10.1	21.0	88.9	94.5	88.9
Totals and Averages.	24,257	9,036	33,293	20,722	7,954	28,676	21.8	16.9	20.5	88.2	91.2	89.0
All Ordinary Rural....	148,001	24,149	172,150	128,732	21,753	150,485	20.2	16.0	19.6	89.2	91.6	89.6

*Exclusive of large suburban and semi-urban public schools.

LARGE SUBURBAN AND SEMI-URBAN PUBLIC SCHOOLS

County	Township	School Section No.	Adjacent to	May Enrolment	Average Daily Attendance for the School Year	Days Lost per Year per pupil of May Enrolment	Attendance Efficiency Percentage
Brant.........	Brantford..........	3	Brantford......	283	264	13.4	93.2
Carleton......	Nepean.............	2	Ottawa.........	1,015	915	13.0	93.1
Essex.........	Sandwich East......	5	Windsor........	684	643	13.2	94.0
Lincoln.......	Grantham..........	U 5 & 6	St. Catharines...	281	255	19.1	90.3
Ontario.......	Whitby East........	10	Oshawa.........	416	387	12.6	93.6

TABLE 2—ENROLMENT AND ATTENDANCE, 1939-40

County	Township	School Section No.	Adjacent to	May Enrolment	Average Daily Attendance for the School Year	Days Lost per Year per pupil of May Enrolment	Attendance Efficiency Percentage
Peel	Toronto	7	Lakeview	517	464	19.5	90.0
Peterborough	Monaghan North	2	Peterborough	416	375	18.1	90.7
Welland	Stamford	4	Niagara Falls	272	255	10.9	94.4
	Stamford	6	Niagara Falls	499	475	10.8	94.5
	Stamford	7	Niagara Falls	267	254	9.0	95.4
	Bertie	11	Ridgeway	273	258	19.2	90.5
	Crowland	3	Welland	612	584	10.3	94.4
	Thorold	2	Thorold	268	261	6.2	96.8
Wentworth	Burlington Beach	....	Hamilton	270	251	15.9	92.0
York	Etobicoke	3	Lambton Mills	501	454	14.9	92.3
	Etobicoke	5	Weston	290	258	13.7	92.7
	Etobicoke	8	Islington	400	367	11.6	95.3
	Etobicoke	11	Humber Bay	417	399	11.8	94.1
	Etobicoke	16	Long Branch	481	452	15.1	92.4
	York	Twp.	Toronto	11,351	10,498	13.4	93.2
	York East	Twp.	Toronto	5,740	5,335	14.1	92.8
	York North	3	Toronto	1,468	1,329	15.9	91.8
	Scarboro	10	Toronto	811	772	13.9	93.1
	Scarboro	12	Toronto	788	736	14.7	92.6
	Scarboro	13	Toronto	387	369	16.4	92.0
	Scarboro	15	Toronto	541	491	15.8	91.9
Totals and Averages				29,248	27,101	14.9	92.9
District			*Centre*				
Cochrane	Tisdale	1	South Porcupine	768	728	16.6	93.7
	Tisdale	2	Schumacher	724	687	8.7	95.5
Parry Sound	Himsworth	U 4	Callander	238	210	17.5	90.8
Sudbury	Chapleau	1	Chapleau	140	131	14.6	92.6
	Snider & Creighton	U 1	Creighton Mine	276	271	6.1	96.9
	Garson	3	Garson Mine	262	256	8.9	95.2
	McKim	5	Gatchell	366	333	11.4	94.0
Timiskaming	Tech	Sch. Area	Kirkland Lake	2,370	2,301	8.2	95.9
Thunder Bay	Schreiber	1	Schreiber	177	161	12.3	93.5
Totals and Averages				5,321	5,078	9.8	95.0
All Large Suburban and Semi-Urban Schools		....	....	34,569	32,179	13.2	93.3

URBAN SCHOOLS

Cities	May Enrolment			Average Attendance for the School Year			Days Lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
In Counties												
Belleville	1,733	470	2,203	1,591	426	2,017	14.5	14.8	14.5	92.6	92.2	92.5
Brantford	3,650	656	4,306	3,456	617	4,073	11.1	9.8	10.9	94.3	94.9	94.4
Chatham	1,964	588	2,552	1,778	550	2,328	11.3	12.8	11.7	94.1	93.4	93.9
Galt	1,678	277	1,955	1,582	253	1,835	10.3	11.2	10.4	94.7	94.1	94.6
Guelph	2,430	874	3,304	2,249	832	3,081	13.4	10.5	12.6	93.1	94.5	93.5
Hamilton	19,169	4,399	23,568	17,084	4,146	21,230	13.9	9.2	13.0	92.6	95.2	93.1
Kingston	2,913	928	3,841	2,541	850	3,391	17.6	16.1	17.1	90.7	91.6	90.9
Kitchener	3,933	1,801	5,734	3,597	1,751	5,348	9.4	6.9	8.6	95.0	96.5	95.5
London	8,450	1,434	9,884	7,849	1,308	9,157	12.7	16.3	13.3	93.9	92.0	93.6
Niagara Falls	2,272	447	2,719	2,136	426	2,562	10.0	9.7	10.0	94.9	95.0	94.9
Oshawa	3,456	540	3,996	3,333	509	3,842	11.1	12.0	11.4	94.3	93.8	94.2
Ottawa	9,412	11,403	20,815	8,351	10,969	19,320	18.0	13.4	15.5	90.7	93.9	92.5
Owen Sound	2,019	144	2,163	1,884	130	2,014	14.8	11.9	14.6	92.6	93.7	92.6
Peterborough	2,630	981	3,611	2,391	897	3,288	17.6	15.1	16.9	91.0	92.1	91.3
St. Catharines	3,309	723	4,032	3,036	666	3,702	15.9	14.1	15.6	92.0	92.8	92.1
St. Thomas	1,720	249	1,969	1,613	237	1,850	10.1	12.5	10.5	94.8	93.4	94.6
Sarnia	2,203	508	2,711	2,085	490	2,575	10.9	10.3	10.7	94.4	94.1	94.3
Stratford	2,031	373	2,404	1,877	342	2,219	14.7	12.2	14.3	92.6	93.8	92.6
Toronto	76,519	11,644	88,163	69,249	10,602	79,851	15.6	16.2	15.7	92.0	91.1	91.9
Welland	1,752	....	1,752	1,629	....	1,629	12.9	......	12.9	93.4	......	93.4
Windsor	10,766	6,697	17,463	9,859	6,300	16,159	11.4	11.1	11.2	94.1	94.2	94.1
Woodstock	1,418	148	1,566	1,321	136	1,457	13.1	12.5	13.0	93.3	93.5	93.3
Totals and Averages	165,427	45,284	210,711	150,491	42,437	192,928	14.4	13.1	14.2	92.6	93.4	92.7

TABLE 2—ENROLMENT AND ATTENDANCE, 1939-40

Cities	May Enrolment			Average Attendance for the School Year			Days Lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
In Districts												
Fort William..	3,036	1,188	4,224	2,831	1,112	3,943	11.0	10.7	10.9	94.3	94.3	94.3
North Bay....	1,343	1,496	2,839	1,315	1,369	2,684	7.5	9.6	8.6	96.2	94.8	95.5
Port Arthur...	2,513	701	3,214	2,355	642	2,997	11.3	11.3	11.3	94.2	94.0	94.1
Sault Ste. Marie	3,025	1,360	4,385	2,723	1,216	3,939	17.5	14.2	16.4	91.1	92.4	91.4
Sudbury......	2,134	1,633	3,767	2,011	1,564	3,575	11.9	7.9	10.1	94.0	95.9	94.8
Totals and Averages.	12,051	6,378	18,429	11,235	5,903	17,138	12.4	10.5	11.8	93.6	94.4	93.9
All Cities...	177,478	51,662	229,140	161,726	48,340	210,066	14.3	12.8	14.0	92.7	93.5	92.8
Towns *In Counties*												
Alexandria....	48	481	529	42	441	483	12.1	10.6	10.8	93.5	94.4	94.3
Alliston......	210	....	210	199	....	199	13.2	......	13.2	93.4	......	93.4
Almonte......	236	117	353	217	108	325	13.1	8.0	11.4	93.2	95.7	94.0
Amherstburg..	205	315	520	189	300	489	14.9	10.4	12.2	92.4	94.6	93.8
Arnprior......	353	359	712	332	341	673	9.8	11.5	10.7	95.0	94.1	94.5
Aurora.......	393	....	393	373	....	373	12.2	......	12.2	93.9	......	93.9
Aylmer.......	383	....	383	338	....	338	19.2	......	19.2	90.0	......	90.0
Barrie........	1,170	137	1,307	1,059	124	1,183	14.9	12.9	14.7	92.3	93.2	92.4
Blenheim	289	22	311	277	19	296	8.5	13.9	8.8	95.9	92.4	95.5
Bothwell.....	93	....	93	85	....	85	18.3	......	18.3	90.8	......	90.8
Bowmanville..	533	....	533	498	....	498	14.0	......	14.0	92.9	......	92.9
Brampton....	722	....	722	665	....	665	14.8	......	14.8	92.5	......	92.5
Brockville....	1,232	234	1,466	1,119	212	1,331	18.4	12.0	17.4	90.6	93.5	91.1
Burlington....	547	....	547	499	....	499	13.5	......	13.5	93.0	......	93.0
Campbellford.	414	63	477	377	59	436	19.3	14.9	18.7	90.2	92.4	90.5
Carleton Place	589	....	589	537	....	537	10.4	......	10.4	94.4	......	94.4
Chesley......	240	....	240	228	....	228	10.2	......	10.2	94.8	......	94.8
Clinton......	199	....	199	188	....	188	10.7	......	10.7	94.6	......	94.6
Cobourg.....	681	177	858	596	161	757	15.6	12.3	14.9	91.7	93.6	92.1
Collingwood..	849	47	896	752	41	793	16.8	21.4	17.0	91.1	88.8	91.1
Cornwall.....	912	2,120	3,032	838	1,966	2,804	12.0	15.0	14.1	93.8	92.3	92.7
Deseronto....	172	....	172	151	....	151	18.6	......	18.6	90.3	......	90.3
Dresden......	237	....	237	221	....	221	17.1	......	17.1	91.5	......	91.5
Dundas......	633	107	740	588	100	688	11.4	8.1	10.9	94.1	95.8	94.3
Dunnville....	524	....	524	482	....	482	11.8	......	11.8	93.9	......	93.9
Durham......	246	....	246	231	....	231	12.3	......	12.3	93.7	......	93.7
Eastview.....	192	1,343	1,535	172	1,309	1,481	14.6	8.5	9.3	91.3	95.7	95.2
Elmira.......	317	....	317	303	....	303	5.6	......	5.6	97.1	......	97.1
Essex........	281	64	345	252	56	308	14.4	16.2	14.7	92.4	91.3	92.2
Forest.......	181	....	181	174	....	174	12.6	......	12.6	93.8	......	93.8
Fort Erie.....	944	....	944	877	....	877	13.8	......	13.8	92.9	......	92.9
Gananoque...	421	132	553	389	119	508	16.2	14.2	15.7	91.8	92.5	92.0
Georgetown...	289	....	289	272	....	272	14.7	......	14.7	92.6	......	92.6
Goderich.....	538	57	595	504	54	558	15.3	14.0	15.6	92.1	93.0	92.2
Grimsby......	277	....	277	256	....	256	13.0	......	13.0	93.3	......	93.3
Hanover.....	442	86	528	425	83	508	10.2	10.9	10.3	94.8	94.5	94.7
Harriston.....	198	....	198	189	....	189	15.8	......	15.8	92.4	......	92.4
Harrow......	223	....	223	204	....	204	12.3	......	12.3	93.5	......	93.5
Hawkesbury..	112	1,280	1,392	101	1,207	1,308	12.9	13.7	13.6	93.2	95.2	93.1
Hespler......	447	38	485	425	37	462	6.7	5.9	6.6	96.6	97.0	96.6
Ingersoll.....	722	98	820	652	91	743	16.0	16.9	16.2	91.5	91.5	91.5
Kincardine...	371	....	371	327	....	327	10.7	......	10.7	94.2	......	94.2
Kingsville....	387	....	387	353	....	353	18.1	......	18.1	90.7	......	90.7
LaSalle.......	43	182	225	38	169	207	18.4	11.7	12.9	90.6	93.9	93.3
Leamington...	746	119	865	713	101	814	10.3	15.1	11.0	94.8	91.1	94.4
Leaside......	699	....	699	600	....	600	15.7	......	15.7	91.4	......	91.4
Lindsay......	882	192	1,074	809	169	978	15.1	17.1	15.4	92.5	90.9	92.0
Listowel......	334	....	334	307	....	307	13.2	......	13.2	93.2	......	93.2
Meaford......	325	....	325	307	....	307	11.6	......	11.6	94.1	......	94.1
Merriton.....	309	60	369	289	56	345	12.3	10.2	11.9	93.7	94.7	93.9

TABLE 2—ENROLMENT AND ATTENDANCE, 1939-40

Towns	May Enrolment			Average Attendance for the School Year			Days Lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
In Counties												
Midland......	752	409	1,161	703	410	1,113	11.7	6.4	9.7	94.1	96.8	95.1
Milton.......	299	....	299	269	....	269	13.0	......	13.0	93.1	......	93.1
Mimico......	1,046	294	1,340	966	284	1,250	11.6	15.8	12.5	94.0	92.2	93.6
Mitchell......	243	....	243	221	....	221	16.7	......	16.7	91.1	......	91.1
Mount Forest.	200	52	252	179	49	228	10.9	9.9	10.5	94.2	95.2	94.3
Napanee.....	441	....	441	395	....	395	20.7	......	20.7	89.5	......	89.5
Newmarket...	516	51	567	487	45	532	11.6	13.3	11.8	94.1	92.9	94.0
New Toronto.	1,152	....	1,152	1,074	....	1,074	12.3	......	12.3	93.7	......	93.7
Niagara......	177	....	177	160	....	160	15.4	......	15.4	91.9	......	91.9
Oakville......	471	44	515	440	39	479	15.3	13.6	15.1	92.3	92.8	92.3
Orangeville...	352	....	352	314	....	314	18.2	.....	18.2	90.6	......	90.6
Orillia........	1,207	164	1,371	1,127	149	1,276	11.9	20.1	12.8	93.9	89.8	93.4
Palmerston...	204	....	204	196	....	196	7.6	......	7.6	96.1	......	96.1
Paris.........	485	45	530	457	42	499	10.4	7.9	10.2	94.7	95.8	94.8
Parkhill......	122	15	137	114	12	126	12.1	32.0	14.2	93.9	83.7	92.8
Pembroke....	977	1,080	2,057	929	979	1,908	11.6	12.0	11.8	94.0	93.6	93.8
Penetanguishene......	851	....	851	786	....	786	12.7	......	12.7	93.4	......	93.4
Perth........	433	161	594	396	150	546	11.9	10.3	11.4	93.8	94.6	94.1
Petrolia......	345	....	345	318	....	318	13.9	......	13.9	92.8	......	92.8
Picton........	485	52	537	440	47	487	16.3	17.4	16.4	91.1	90.9	91.0
Port Colborne.	1,345	....	1,345	1,278	....	1,278	12.7	......	12.7	93.6	......	93.6
Port Hope....	657	....	657	615	....	615	13.1	......	13.1	93.3	......	93.3
Prescott......	330	117	447	302	103	405	22.0	14.3	20.0	89.1	92.3	89.9
Preston......	639	294	933	583	280	863	13.0	6.9	11.0	93.2	96.4	94.2
Renfrew......	381	519	900	354	500	854	9.4	7.4	8.2	95.1	96.2	95.7
Ridgetown....	260	....	260	238	....	238	13.6	......	13.6	92.9	......	92.9
Riverside.....	546	469	1,015	511	450	961	13.0	11.4	12.0	93.6	94.2	93.8
Rockland.....	18	482	500	17	461	478	14.0	10.0	10.2	93.0	94.9	94.8
St. Mary's....	389	49	438	355	42	397	12.8	16.4	13.1	93.3	91.2	93.1
Seaforth......	171	52	223	161	49	210	11.6	6.7	10.4	94.1	96.5	94.6
Simcoe.......	866	60	926	772	55	827	11.7	8.3	11.4	93.7	95.5	93.8
Smith's Falls..	928	155	1,083	864	146	1,010	10.6	15.7	11.2	94.1	92.1	94.2
Southampton .	217	....	217	203	....	203	16.6	......	16.6	91.7	......	91.7
Stayner......	125	....	125	111	....	111	12.6	......	12.6	93.3	......	93.3
Stratbroy.....	400	....	400	370	....	370	10.9	......	10.9	94.4	......	94.4
Tecumseh....	75	554	629	63	520	583	17.8	10.8	11.7	90.3	94.4	93.9
Thornbury....	110	....	110	101	....	101	9.7	......	9.7	94.9	......	94.9
Thorold......	474	312	786	456	300	756	11.6	11.1	11.3	94.2	94.4	94.3
Tilbury......	125	241	366	118	226	344	9.9	14.9	13.1	95.0	92.4	93.3
Tillsonburg...	542	76	618	513	66	579	13.7	24.7	15.3	93.1	86.5	92.3
Trenton......	978	208	1,186	936	198	1,134	11.2	14.5	11.8	94.4	92.7	94.1
Uxbridge.....	211	....	211	199	....	199	13.6	......	13.6	93.2	......	93.2
Vankleek Hill.	71	220	291	63	191	254	16.0	10.8	12.0	91.7	94.0	93.4
Walkerton....	184	213	397	178	213	391	10.8	8.1	9.3	94.6	97.8	95.4
Wallaceburg..	565	446	1,011	531	405	936	11.8	13.2	12.3	94.0	93.0	93.4
Waterloo.....	1,040	391	1,431	951	374	1,325	7.7	7.7	7.7	95.9	96.0	95.9
Weston.......	697	196	893	616	178	794	14.2	14.9	14.3	92.5	92.2	92.4
Whitby......	474	45	519	416	43	459	17.9	8.7	17.1	90.7	96.0	91.1
Wiarton......	255	....	255	252	....	252	9.1	......	9.1	95.5	......	95.5
Wingham.....	240	....	240	227	....	227	9.8	......	9.8	95.0	......	95.0
Totals and Averages.	45,861	15,296	61,157	42,344	14,329	56,673	13.2	11.1	12.6	93.2	94.0	93.4
In Districts												
Bala.........	56	....	56	50	....	50	20.9	......	20.9	88.5	......	88.5
Blind River...	214	463	677	178	433	611	9.0	19.2	15.9	95.0	90.1	91.6
Bonfield......	....	174	174	....	157	157	......	8.5	8.5	......	95.8	95.8
Bracebridge...	376	....	376	353	....	353	15.2	......	15.2	92.3	......	92.3
Bruce Mines..	98	....	98	88	....	88	25.6	......	25.6	87.2	......	87.2
Cache Bay....	60	190	250	57	175	232	8.0	11.5	10.9	95.8	93.8	94.3
Capreol......	342	....	342	323	....	323	10.1	......	10.1	94.8	......	94.8
Charlton.....	87	30	117	74	23	97	18.0	34.7	22.3	90.4	82.3	88.0

TABLE 2—ENROLMENT AND ATTENDANCE, 1939-40

Towns	May Enrolment			Average Attendance for the School Year			Days Lost per Year per Pupil of May Enrolment			Attendance Efficiency Percentage		
	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total	Public	Separate	Total
In Districts												
Chelmsford	....	215	215	....	219	219	......	8.5	8.5	......	95.8	95.8
Cobalt	332	317	649	302	295	597	13.4	11.0	12.2	93.0	94.2	93.6
Cochrane	323	324	647	313	298	611	10.4	11.2	11.1	94.9	93.9	94.3
Coniston	118	404	522	108	391	499	10.9	7.6	8.3	94.3	96.1	95.7
Copper Cliff	592	....	592	558	....	558	8.5	......	8.5	94.7	......	94.7
Dryden	341	....	341	320	....	320	13.3	......	13.3	93.2	......	93.2
Englehart	289	....	289	268	....	268	10.6	......	10.6	94.5	......	94.5
Fort Frances	954	431	1,385	864	380	1,244	11.7	14.3	12.5	93.9	92.2	93.4
Frood Mine	13	....	13	11	....	11	12.2	......	12.2	93.5	......	93.5
Geraldton	276	56	332	245	50	295	13.5	15.2	13.8	92.9	91.9	92.8
Gore Bay	135	....	135	123	....	123	22.0	......	22.0	89.0	......	89.0
Gravenhurst	345	....	345	319	....	319	14.4	......	14.4	92.6	......	92.6
Haileybury	228	154	382	211	143	354	14.7	9.6	12.7	92.5	95.0	93.5
Hearst	101	258	359	95	231	326	11.4	7.8	9.1	93.7	95.7	95.1
Huntsville	514	....	514	464	....	464	19.5	......	19.5	90.9	......	90.9
Iroquois Falls	198	273	471	184	262	446	15.9	7.9	11.3	92.1	90.6	94.2
Kapuskasing	457	628	1,085	428	565	993	13.3	8.8	10.7	92.1	95.3	94.3
Kearney	56	33	89	53	26	79	7.2	15.1	10.1	96.3	92.2	94.6
Keewatin	222	43	265	212	41	253	9.7	12.1	10.1	95.1	93.9	94.9
Kenora	1,051	260	1,311	966	236	1,202	14.7	11.8	14.1	92.4	93.8	92.7
Larder Lake	205	....	205	192	....	192	14.8	......	14.8	92.6	......	92.6
Latchford	84	....	84	76	....	76	14.1	......	14.1	92.6	......	92.6
Levack	112	....	112	111	....	111	9.1	......	9.1	95.5	......	85.5
Little Current	141	43	184	112	36	148	27.9	17.9	25.5	84.7	90.0	85.9
Massey	86	103	189	78	98	176	20.6	12.7	16.4	89.7	93.4	91.7
Matheson	137	....	137	106	....	106	15.9	......	15.9	90.5	......	90.5
Mattawa	51	387	438	44	334	378	21.9	25.4	25.0	88.6	85.4	86.9
Nesterville	60	....	60	53	....	53	19.1	......	19.1	90.1	......	90.1
New Liskeard	451	114	565	421	103	524	11.4	12.0	11.5	94.2	93.5	94.0
Parry Sound	644	....	644	568	....	568	16.3	......	16.3	91.4	......	91.4
Powassan	194	....	194	181	....	181	7.9	......	7.9	95.9	......	95.9
Rainy River	153	39	192	140	36	176	16.8	9.6	15.3	91.5	95.0	92.2
Sioux Lookout	326	107	433	310	100	410	10.2	13.5	11.1	94.7	93.1	94.3
Smooth Rock Falls	143	202	345	129	187	316	9.9	14.6	12.7	94.7	95.0	93.4
Sturgeon Falls	186	1,074	1,260	179	978	1,157	15.4	11.6	11.7	92.4	94.1	93.8
Thessalon	288	....	288	273	....	273	17.7	......	17.7	91.3	......	91.3
Timmins	2,336	2,659	4,995	2,137	2,500	4,637	13.9	11.5	13.7	92.8	93.0	92.9
Trout Creek	75	....	75	75	....	75	13.2	......	13.2	93.7	......	93.7
Webbwood	102	....	102	90	....	90	17.1	......	17.1	91.1	......	91.1
Totals and Averages	13,552	8,981	22,533	12,442	8,297	20,739	13.7	12.7	13.3	93.0	93.4	93.3
All Towns	59,413	24,277	83,690	54,786	22,626	77,412	13.3	11.7	12.8	93.1	93.7	93.3
All Villages	21,682	2,092	23,774	19,773	1,940	21,713	14.5	11.1	14.2	92.5	94.2	92.7
All Urban	258,573	78,031	336,604	236,285	72,906	309,191	14.1	12.4	13.7	92.7	93.7	93.0
All Rural	182,570	24,149	206,719	160,911	21,753	182,664	18.9	16.0	18.5	90.0	91.6	90.2
Grand Totals	441,143	102,180	543,323	397,196	94,659	491,855	16.1	13.2	15.5	91.6	93.1	91.9
Increase for the year	....	....	....	122	356	478	......	......	......	1.7	1.1	1.6
Decrease for the year	12,039	2,286	14,325	....	....	....	2.6	1.6	2.5	......	......	......

Enrolment decrease is general. A falling birth rate in the post-war depression period is now showing up in a decreased school enrolment. This is the first year it is really noticeable.

Average Attendance shows a comparatively small decrease in comparison to enrolment, due to two main causes (a) Average attendance of preceding year was lessened by poliomyelitis epidemic, (b) the Royal Visit.

Ambulance presented by pupils of York 6 to Canadian Army Medical Corps

Funds were raised by school concerts, salvage sales, and other student enterprises. The above picture shows Inspector R. A. Johnston and a few of his helpers.

ELEMENTARY TEACHERS—SUPPLY AND DEMAND

TABLE 3—STATISTICS OF TEACHING STAFF, AND SUPPLY AND DEMAND FOR TEACHERS, SEPTEMBER, 1941, AS REPORTED BY PUBLIC AND SEPARATE SCHOOL INSPECTORS

	Public Schools				Roman Catholic Separate Schools	All Elementary Schools	Corresponding figures September, 1940
	City Inspectorates	County Inspectorates	District Inspectorates	Total			
1. Total number of teaching positions	3,830	8,582	1,897	14,299	3,102	17,401	17,478
2. Total Number of Teachers by Certificates:							
(a) Regular Classroom Teachers—							
First Class	2,155	5,490	1,164	8,809	1,247	10,056	9,966
Second Class	1,045	2,683	558	4,286	1,597	5,883	6,201
Third Class	....	14	15	29	54	83	64
District	....	5	3	8	....	8	1
Permanent Ungraded	....	....	1	1	34	35	41
Temporary	....	63	55	118	47	165	70
On Exchange from outside Ontario	3	2	1	6	1	7	9
Total	3,203	8,257	1,797	13,257	2,980	16,237	16,352
(b) Special Full-Time Teachers—							
Music	18	31	12	61	28	89	59
Art	5	4	1	10	13	23	15
Manual Training	88	30	4	122	11	133	128
Home Economics	82	27	2	111	21	132	128
Kindergarten (K.D., K.P., and K.)	254	177	28	459	4	463	500
Auxiliary (all types)	167	42	19	228	39	267	258
Others	13	7	17	37	3	40	38
Total	627	318	83	1,018	119	1,137	1,126
(c) Unfilled Positions	....	7	17	24	3	27	....
3. Number of Vacancies at Midsummer, 1941	210	2,609	669	3,488	524	4,012	3,021
4. Turnover (Vacancies as a percentage of teaching positions)—1941	5.5	30.4	35.6	24.4	17.7	23.1	....
—1940	4.0	23.5	26.9	18.5	11.3	17.3	....
5. On Leave of Absence—numbers of teachers on leave for at least one year on account of:							
Active Service	66	69	23	158	11	169	Not Collected in 1940
Home Defence	....	5	....	5	1	6	
Other War Work	8	13	6	27	7	34	
Other Reasons	19	10	6	35	3	38	
Total	93	97	35	225	22	247	
6. Teachers leaving the Profession during, or at the end of the school year 1940-41:							
1. To teach in—							
(a) Private Schools	....	9	....	9	17	26	27
(b) Ontario Secondary Schools	9	37	8	54	8	62	15
2. To further training in—							
(a) Teacher Training School	....	3	1	4	4	8	16
(b) University	1	23	12	36	1	37	41
(c) Other Schools	....	3	....	3	6	9	....
3. Civil Service	....	63	11	74	41	115	....
4. War Work	4	35	23	62	13	75	51
5. Other Occupations	9	122	28	159	20	179	183
6. Active Service	5	140	41	186	14	200	148
7. Superannuated—on account of age	33	17	2	52	9	61	119
on disability	5	5	....	10	2	12	
8. Married	164	459	98	721	82	803	882
9. Left the Province	1	7	2	10	2	12	....
10. Poor Health	8	32	4	44	11	55	63
11. Died	6	5	7	18	2	20	28
12. Unemployed	....	19	1	20	4	24	....
13. Others	2	26	11	39	11	50	89
Total	236	1,005	249	1,490	257	1,747	1,662
7. Demand—total withdrawing and on leave	329	1,102	285	1,715	279	1,994	1,662
8. Supply—Reduction in number of positions	....	....	....	....	....	71	....
Beginners to profession	65	632	133	830	177	1,007	1,025
Married women re-entering profession	6	426	120	552	33	585	637
From other sources	....	....	....	....	....	331	
9. Number of known unemployed in September	86	118	9	213	58	271	229
10. Number qualifying as Teachers in June	....	....	....	....	....	1,011	1,100

TABLE 4—DISTRIBUTION OF FULL-TIME TEACHERS BY CERTIFICATES, 1939-40

(As reported in "Schools and Teachers")

(A) Rural

Rural Schools	TEACHERS						CERTIFICATES																						Uni-versity Gradu-ates		Music Teach-ers †	
							GENERAL						SPECIAL*																		
	Public			Separate			First Class		Second Class		Lower than Second Class		Kindergarten Director	Kindergarten Assistant and Primary		Manual Training		Home Economics		Auxiliary Class		Art		Physical Training							
	T.	M.	F.	T.	M.	F.	P.	S.	P.	S.	P.	S.	P.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.		
In Counties																															
Addington	28	7	21	2	...	2	21	2	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...		
Brant	80	20	60	...	...	...	54	...	25	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...		
Bruce	165	35	130	15	2	13	130	6	35	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	16	1		
Carleton	163	32	131	46	5	41	116	15	47	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...		
Dufferin	87	16	71	...	...	...	60	...	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...		
Dundas	79	31	48	1	...	1	52	1	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...		
Durham	100	36	64	...	...	...	80	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...		
Elgin	125	24	101	...	...	...	89	...	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	16	...		
Essex	155	28	127	55	4	51	96	11	59	44	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	13	...		
Frontenac	145	34	111	10	1	9	89	5	55	5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	9	1		
Grenville	71	10	61	...	...	...	44	...	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...		
Glengarry	75	11	64	27	4	23	30	11	44	15	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	2		
Grey	223	52	171	8	1	7	166	7	57	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...		
Haldimand	82	10	72	...	...	...	65	...	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...		
Haliburton	60	27	33	...	...	...	31	...	26	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...		
Halton	70	7	63	...	...	...	51	...	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...		
Hastings	198	48	150	8	2	6	125	5	73	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	12	2		
Huron	195	45	150	10	...	10	151	3	44	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	15	...		
Kent	156	28	128	16	2	14	110	8	46	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	12	2		
Lambton	179	30	149	2	...	2	118	1	61	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	...		
Lanark	121	14	107	3	...	3	73	...	47	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...		
Leeds	144	21	123	2	...	2	73	...	69	2	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	2	...	6	...		
Lennox	86	12	74	4	...	4	53	3	33	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...		
Lincoln	104	26	78	...	...	...	78	...	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	10	...		
Middlesex	207	37	170	4	...	4	151	3	55	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...	16	...		
Norfolk	112	33	79	4	1	3	76	4	46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	3	...		
Northumberland	114	23	91	5	...	5	76	3	38	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...		
Ontario	150	46	104	2	...	2	98	1	52	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	7	...		
Oxford	131	32	99	...	...	...	99	...	32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...		
Peel	111	26	85	1	...	1	85	...	26	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	9	...		
Perth	117	25	92	16	1	15	94	11	23	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	17	...		
Peterborough	111	31	80	5	...	5	82	2	28	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...		

TABLE 4—DISTRIBUTION OF FULL-TIME TEACHERS BY CERTIFICATES, 1939-40

(As reported in "Schools and Teachers")

(A) Rural (Continued)

Rural Schools	TEACHERS						CERTIFICATES																				Uni-versity Gradu-ates		Music Teach-ers †	
							General						Special*																	
	Public			Separate			First Class		Second Class		Lower than Second Class		Kindergarten			Man-ual Train-ing		Home Eco-nomics		Auxi-liary Class		Art		Physi-cal Train-ing					
													Dir-ector	Assist-ant and Primary															
	T.	M.	F.	T.	M.	F.	P.	S.	P.	S.	P.	S.	P.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.
Prescott	54	3	51	84	12	72	25	10	23	67	6	5															2	1	
Prince Edward	73	25	48				56		17																	1		4	
Renfrew	171	39	132	28	1	27	100	11	70	17				1												1		7	
Russell	32	11	21	77	13	64	21	4	11	71		2																1	
Simcoe	238	65	173	9		9	151		86	9	1															4		23	1
Stormont	91	14	77	31	1	30	56	11	35	20																2	1	3	4
Victoria	109	23	86	3	1	2	72	3	37																			4	
Waterloo	110	34	76	14	1	13	81	5	29	8		1														3		10	1
Welland	163	40	123				109		51					2						1						2		15	
Wellington	153	31	122	7	1	6	118	2	35	5																	1	11	
Wentworth	114	26	88	4		4	78	4	36																	4	1	8	1
York	842	245	597	51	2	49	483	15	333	36			1	11		6		5		3						15	3	51	1
Totals	6,094	1,413	4,681	554	55	499	4,066	167	1,980	376	12	9	1	20		6		5		4						67	8	419	16
In Districts																													
Algoma	111	41	70	15	4	11	79	5	31	9	1	1															2	10	
Cochrane	129	39	90	93	31	62	82	8	45	56	1	29		1												1	5	7	
Kenora	47	18	29	1		1	41		6	1																		5	
Manitoulin	45	18	27	2	1	1	16	2	29																			3	
Muskoka	103	32	71	2	1	1	76	1	27	1																		5	
Nipissing	79	26	53	60	10	50	42	5	30	50	7	5														2	1	2	
Parry Sound	140	55	85	1		1	91		48	1				1														4	
Patricia	2	2							2																				
Rainy River	74	23	51	3	2	1	46	1	28	2																	1	4	
Sudbury	146	49	97	64	15	49	70	16	69	41	7	7														4	2	6	
Thunder Bay	132	43	89	3	3		111	2	21	1																	1	2	
Timiskaming	83	31	52	54	10	44	50	13	32	34	1	7														1		8	1
Totals	1,091	377	714	298	77	221	704	53	368	196	17	49		2												8	12	56	1
Totals, Rural	7,185	1,790	5,395	852	132	720	4,770	220	2,348	572	29	58	1	22		6		5		4						75	20	475	17

TABLE 4—DISTRIBUTION OF FULL-TIME TEACHERS BY CERTIFICATES, 1939-40

(B) Urban

Urban Schools	TEACHERS						CERTIFICATES																					Uni-versity Gradu-ates		Music Teach-ers †	
	Public			Separate			General						Special,*																		
							First Class		Second Class		Lower than Second Class		Kindergarten Dir-ector	Kindergarten Assist-ant and Primary		Man-ual Train-ing		Home Eco-nomics		Auxi-liary Class		Art		Physi-cal Train-ing					
	T.	M.	F.	T.	M.	F.	P.	S.	P.	S.	P.	S.	P.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.
CITIES *In Counties*																													
Belleville	47	13	34	13	1	12	29	5	17	5	....	....	.....	1	1	...	...	...	1	...	...	...	...	...	...	1	1	....	1
Brantford	105	16	89	18	....	18	40	5	40	13	....	....	.....	9	...	1	...	1	...	4	...	...	...	...	...	7	...	1	...
Chatham	59	11	48	14	....	14	22	4	26	10	....	....	3	3	...	1	...	1	...	2	...	...	...	...	...	1	...	1	...
Galt	47	12	35	7	....	7	9	3	31	4	....	....	.....	5	...	...	...	...	...	1	...	...	...	...	...	1	1	1	...
Guelph	63	12	51	22	....	22	36	5	15	16	....	....	.....	5	...	2	...	1	...	3	...	...	...	...	...	....	...	1	1
Hamilton	532	92	440	136	14	122	326	51	135	64	....	7	28	11	...	7	3	7	4	13	5	...	...	3	1	84	12	2	1
Kingston	71	14	57	28	1	27	30	12	30	14	....	....	.....	7	...	1	...	1	...	1	...	...	...	...	...	9	1	1	1
Kitchener	117	29	88	58	8	50	47	31	38	21	....	....	.....	14	...	3	1	4	...	6	1	1	1	2	1	....	...	2	2
London	242	57	185	52	6	46	142	28	45	20	....	....	.....	26	...	6	1	6	1	16	...	...	...	1	...	32	...	1	1
Niagara Falls	66	12	54	11	....	11	30	3	31	8	....	....	.....	....	...	...	...	...	...	3	...	...	...	1	...	....	...	1	...
Oshawa	88	16	72	13	1	12	36	5	46	8	....	....	.....	4	...	...	...	...	...	1	...	...	...	...	...	10	...	1	...
Ottawa	296	78	218	356	82	274	197	133	78	208	....	11	10	....	...	4	1	1	1	2	1	1	...	...	...	71	18	3	1
Owen Sound	55	14	41	4	....	4	27	2	22	1	....	1	3	2	...	...	...	1	...	....	...	...	...	...	...	....	...	....	...
Peterborough	79	17	62	33	....	33	35	13	33	20	....	....	.....	6	...	1	...	1	...	1	...	1	...	...	...	4	...	1	...
St. Catharines	92	19	73	21	2	19	39	6	35	15	....	....	3	7	...	1	...	1	...	5	...	...	...	...	...	4	...	1	...
St. Thomas	55	15	40	9	....	9	36	6	17	3	....	....	.....	....	...	...	...	...	...	2	...	...	...	...	...	3	...	....	...
Sarnia	66	15	51	16	7	9	31	7	25	9	....	....	.....	2	...	2	...	2	...	3	...	...	...	...	...	1	...	1	...
Stratford	62	13	49	13	....	13	26	1	27	12	....	....	.....	6	...	1	...	1	...	....	...	...	...	...	...	....	...	1	...
Toronto	2,073	555	1,518	313	28	285	1,036	81	673	213	....	5	86	71	1	55	...	48	...	96	14	...	...	3	...	278	2	5	...
Welland	55	13	42	.....	....	.....	25	....	23	.....	....	....	2	3	...	...	...	...	...	1	...	...	...	...	...	....	...	1	...
Windsor	307	69	238	181	17	164	146	52	124	124	....	5	1	24	...	1	...	1	...	9	...	...	...	...	...	....	5	1	...
Woodstock	39	9	30	4	....	4	22	4	6	.....	....	....	.....	8	...	...	...	...	...	2	...	...	...	...	...	....	...	1	...
Totals	4,616	1,101	3,515	1,322	167	1,155	2,370	457	1,517	788	....	29	136	214	2	86	6	77	7	171	21	3	1	10	2	506	40	27	8

TABLE 4—DISTRIBUTION OF FULL-TIME TEACHERS BY CERTIFICATES, 1939-40

(B) Urban (Continued)

Urban Schools	TEACHERS						CERTIFICATES																					University Graduates		Music Teachers †	
							General						Special*																		
	Public			Separate			First Class		Second Class		Lower than Second Class		Kindergarten			Manual Training		Home Economics		Auxiliary Class		Art		Physical Training					
													Director	Assistant and Primary															
	T.	M.	F.	T.	M.	F.	P.	S.	P.	S.	P.	S.	P.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.	P.	S.
In Districts																													
Fort William	97	25	72	28	....	28	54	12	21	16	....	....	.....	16	...	...	...	...	...	4	...	...	...	...	...	6	...	2	...
North Bay	44	14	30	38	1	37	37	15	7	21	....	....	.....	.....	...	...	...	...	...	...	...	...	...	...	...	....	...	....	2
Port Arthur	74	19	55	19	....	19	59	7	5	11	....	1	.....	4	...	...	...	...	...	2	...	2	...	...	...	....	...	2	...
Sault Ste. Marie	80	16	64	32	1	31	26	10	36	20	....	2	.....	11	...	...	...	...	...	7	...	...	...	...	...	2	...	....	...
Sudbury	57	11	46	61	7	54	39	20	18	38	....	3	.....	....	...	...	...	...	...	....	...	...	...	...	...	....	4	....	...
Totals	352	85	267	178	9	169	215	64	87	106	....	6	.....	31	...	...	...	...	...	13	...	2	...	...	...	8	4	4	2
Totals—Cities	4,968	1,186	3,782	1,500	176	1,324	2,591	521	1,604	894	....	35	136	245	2	86	6	77	7	184	21	5	1	10	2	514	44	31	10
Towns	1,648	396	1,252	682	53	629	815	203	752	446	3	30	5	57	...	3	...	4	1	6	1	1	...	...	...	37	14	2	1
Villages	625	192	433	67	4	63	329	24	284	39	....	4	.....	9	...	1	...	1	...	1	...	...	...	...	...	10	1	....	...
Totals—Urban	7,241	1,774	5,467	2,249	233	2,016	3,735	748	2,640	1,379	3	69	141	311	2	90	6	82	8	191	22	6	1	10	2	561	59	33	11
Rural	7,185	1,790	5,395	852	132	720	4,770	220	2,348	572	29	58	1	22	...	6	...	5	...	4	...	...	...	...	...	75	20	475	17
Grand Totals	14,426	3,564	10,862	3,101	365	2,736	8,505	968	4,988	1,951	32	127	142	333	2	96	6	87	8	195	22	6	1	10	2	636	79	508	28
Increase for year	.....	31	.....	84	24	60	454	128	.....	15	....	....	.....	....	...	...	...	...	...	....	...	...	...	...	...	....	...	....	...
Decrease for year	118	.....	149	.....	....	.....	.....	....	539	.....	43	30	.....	....	...	...	...	...	...	....	...	...	...	...	...	....	...	....	...

T.—Total. M.—Male. F.—Female. P.—Public. S.—Separate.

*Special Certificates are listed only where teacher devotes whole time to that subject.

†Music Teachers, in the case of rural schools, are listed by County of domicile. The majority of these are not holders of Departmental certificates. They supervise Music in Town and Village schools also.

TABLE 5—TEACHERS AND SALARIES, 1940-41

Rural Schools	Public Schools							Separate Schools						
	Teachers			Average Salaries		Increase in Average Salary over 1938-39		Teachers			Average Salaries		Increase in Average Salary over 1938-39	
	Total	Male	Female	Male	Female	Male	Female	Total	Male	Female	Male	Female	Male	Female
				$	$	$	$				$	$	$	$
In Counties														
Addington	28	7	21	711	725	−19	−13	2		2		750		150
Brant (a)	72	15	57	897	788	76	44							
(b)	7	2	5	1,275	1,000	−225	25							
Bruce	164	37	127	788	741	45	59	16	2	14	700	827	−13	52
Carleton (a)	133	19	114	1,030	769	155	31	47	4	43	900	705	50	25
(b)	27	9	18	1,650	1,108	−22	73							
Dufferin	85	17	68	764	733	19	51							
Dundas	78	31	47	769	719	6	35	1		1		700		
Durham	102	30	72	803	716	53	8							
Elgin	125	22	103	799	732	49	39							
Essex (a)	139	23	116	897	837	74	60	56	6	50	787	792	87	17
(b)	16	5	11	1,370	872	170	9							
Frontenac	144	26	118	775	691	31	23	10	1	9	950	644		
Glengarry	75	11	64	792	750	53	50	26	6	20	775	825	−8	−55
Grenville	70	13	57	700	706	27	47							
Grey	220	45	175	785	727	42	66	8	2	6	718	683	231	33
Haldimand	82	92	73	833	749	52	44							
Haliburton	57	22	35	784	704	72	53							
Halton	71	10	61	887	823	12	55							
Hastings	199	46	153	832	722	52	40	8	3	5	717	675	−83	8
Huron	187	41	146	937	735	92	51	10		10		835		45
Kent	155	21	134	892	796	86	52	16	2	14	1,015	647	95	−101
Lambton	180	27	153	822	730	77	48	2	1	1	600	800		
Lanark	116	16	100	767	696	−3	45	3		3		635		
Leeds	142	23	119	731	704	43	46	2		2		500		−50
Lennox	87	12	75	716	670	33	29							
Lincoln (a)	97	25	72	1,053	853	60	42							
(b)	8	2	6	1,600	942	150	92							
Middlesex	211	36	175	848	744	78	46	4		4		550		
Norfolk	111	29	82	855	768	52	50	4		4		1,050		383
Northumberland	114	20	94	823	732	73	45	5		5		575		35
Ontario (a)	140	36	104	823	736	31	33	2	1	1	900	700		
(b)	10	4	6	987	883	100	8							
Oxford	131	32	99	900	764	55	60							
Peel (a)	99	24	75	1,001	816	79	40	1		1		675		
(b)	14	3	11	1,433	895	−50	−10							
Perth	117	22	95	808	759	87	54	13		13		873		−5
Peterborough (a)	97	28	69	795	723	40	39	5		5		605		18
(b)	10	2	8	1,275	963	125	50							
Prescott	52	5	47	785	720	−15	45	83	10	73	833	649	8	23
Prince Edward	73	21	52	810	702	38	27							
Renfrew	167	37	130	758	703	28	33	27		27		818		47
Russell	31	11	20	824	706	33	13	77	13	64	791	650	99	38
Simcoe	226	53	173	832	756	55	44	9		9		789		39

TABLE 5—TEACHERS AND SALARIES, 1940-41

Rural Schools	Public Schools							Separate Schools						
	Teachers			Average Salaries		Increase in Average Salary over 1938-39		Teachers			Average Salaries		Increase in Average Salary over 1938-39	
	Total	Male	Female	Male	Female	Male	Female	Total	Male	Female	Male	Female	Male	Female
In Counties				$	$	$	$				$	$	$	$
Stormont	90	11	79	868	730	47	48	33	1	32	800	825	....	7
Victoria	98	20	78	846	690	75	47	3	1	2	750	675	....	8
Waterloo	109	33	76	941	797	38	50	14	1	13	850	738	....	54
Welland (a)	89	20	69	970	837	−11	16	....	....	....	....	....	....	....
(b)	73	20	53	1,494	1,070	−7	23	....	....	....	....	....	....	....
Wellington	153	30	123	853	756	85	56	7	1	6	600	667	....	−16
Wentworth (a)	101	22	79	1,019	810	−6	32	5	....	5	....	440	....	−160
(b)	14	4	10	1,250	903	−83	64	....	....	....	....	....	....	....
York (a)	209	66	143	985	853	21	34	46	2	44	1,425	963	−25	9
(b)	626	186	440	1,582	1,283	102	67	....	....	....	....	....	....	....
Totals and Averages, (a)	5,226	1,104	4,122	860	750	63	43	545	57	488	823	745	34	12
(b)	805	237	568	1,550	1,220	81	54	....	....	....	....	....	....	....
Totals and Averages, (a) and (b)	6,031	1,341	4,690	982	807	65	35	545	57	488	823	745	34	12
In Districts														
Algoma	109	39	70	929	746	91	39	10	3	7	1,200	900	175	−27
Cochrane (a)	81	23	58	1,174	877	132	53	100	39	61	881	824	71	44
(b)	58	12	46	1,845	1,377	−32	31	....	....	....	....	....	....	....
Kenora	49	18	31	1,172	910	119	82	1	....	1	....	1,000	....	....
Manitoulin	45	18	27	868	765	75	36	3	1	2	800	875	....	50
Muskoka	110	35	75	871	788	20	20	2	1	1	1,200	600	....	....
Nipissing	76	26	50	900	818	173	84	53	6	47	829	825	90	57
Parry Sound (a)	130	51	79	915	786	78	74	1	1	....	800	....	....	....
(b)	7	3	4	1,433	950	216	90	....	....	....	....	....	....	....
Rainy River	73	21	52	959	786	100	−2	1	1	....	1,000	....	....	....
Sudbury (a)	129	52	77	1,028	902	21	51	77	19	58	978	879	113	−6
(b)	17	3	14	1,533	985	63	−249	....	....	....	....	....	....	....
Timiskaming (a)	84	28	56	965	804	60	25	56	9	47	1,105	988	90	21
(b)	73	15	58	1,735	1,204	62	44	....	....	....	....	....	....	....
Thunder Bay (a)	126	33	93	1,032	855	94	76	3	3	....	1,133	....	....	....
(b)	6	2	4	1,350	944	....	−6	....	....	....	....	....	....	....
Totals and Averages, (a)	1,012	344	668	978	822	69	58	307	83	224	935	876	78	34
(b)	161	35	126	1,707	1,227	106	33	....	....	....	....	....	....	....
Totals and Averages, (a) and (b)	1,173	379	794	1,045	886	78	54	307	83	224	935	876	78	34
Totals—All Rural (a)	6,238	1,448	4,790	888	760	65	46	852	140	712	890	786	61	20
(b)	966	272	694	1,570	1,222	85	51	....	....	....	....	....	....	....
Totals	7,204	1,720	5,484	996	818	79	46	852	140	712	890	786	61	20

(a) Ordinary size rural schools.

(b) Large suburban and semi-urban schools.

TABLE 5—TEACHERS AND SALARIES, 1940-41

Cities	Public Schools							Separate Schools				
	Teachers			Average Salaries				Teachers			Average Salaries	
	Total	Male	Female	Principal	All Male Teachers	Male Assistants	Female Teachers	Total	Male	Female	Male	Female
In Counties				$	$	$	$				$	$
Belleville	49	11	38	2,200	1,682	1,386	1,115	13	1	12	700	596
Brantford	103	17	86	2,202	1,985	1,587	1,365	19	....	19	....	653
Chatham	58	6	52	2,233	1,671	1,645	1,389	14	....	14	....	500
Galt	47	12	35	1,900	1,442	1,213	1,156	7	....	7	....	700
Guelph	62	12	50	1,729	1,494	1,258	1,148	21	....	21	....	680
Hamilton	526	87	439	2,924	2,020	1,545	1,393	134	13	121	1,223	573
Kingston	74	15	59	2,025	1,617	1,217	1,234	25	1	24	2,300	563
Kitchener	109	25	84	2,471	1,776	1,506	1,245	57	10	47	850	703
London	137	58	79	2,570	2,103	1,830	1,355	50	5	45	990	574
Niagara Falls	66	13	53	2,325	1,811	1,500	1,316	11	1	10	1,125	1,052
Oshawa	88	16	72	2,155	1,808	1,486	1,246	13	1	12	800	731
Ottawa	295	80	215	3,246	2,327	2,072	1,376	354	76	278	858	677
Owen Sound	54	15	39	1,970	1,374	1,078	1,109	4	....	4	....	575
Peterborough	79	17	62	2,983	2,248	1,810	1,580	32	....	32	....	572
St. Catharines	90	19	71	2,167	2,003	1,606	1,325	22	3	19	1,167	824
St. Thomas	55	16	39	1,957	1,567	1,277	1,122	7	....	7	....	640
Sarnia	58	13	45	2,178	1,996	1,680	1,437	15	....	15	....	593
Stratford	59	14	45	2,000	1,629	1,133	1,261	13	....	13	....	627
Toronto	2,006	541	1,465	3,515	2,765	2,559	1,898	307	30	277	1,150	930
Welland	53	13	40	1,933	1,573	1,264	1,280	....	....	....	....	....
Windsor	301	69	232	2,851	1,863	1,463	1,434	180	19	161	1,047	699
Woodstock	39	9	30	1,790	1,655	1,487	1,067	4	....	4	....	706
Totals and Averages	4,408	1,078	3,330	2,806	2,330	2,157	1,656	1,302	160	1,142	984	723
In Districts												
Fort William	92	22	70	2,775	1,980	1,518	1,412	28	....	28	....	766
North Bay	43	14	29	2,309	1,642	1,272	1,250	38	1	37	1,050	740
Port Arthur	72	18	54	2,224	1,787	1,476	1,434	19	....	19	....	724
Sault Ste. Marie	78	17	61	1,958	1,633	1,403	1,303	32	....	32	....	744
Sudbury	58	9	49	2,270	1,913	1,200	1,143	69	11	58	1,282	954
Totals and Averages	343	80	263	2,288	1,824	1,414	1,323	186	12	174	1,262	815
Totals—Cities	4,751	1,158	3,593	2,746	2,295	2,119	1,631	1,488	172	1,316	1,003	735
—Towns	1,663	413	1,250	1,698	1,401	1,115	1,008	710	59	651	1,070	766
—Villages	613	185	428	1,220	1,107	990	850	66	2	64	975	840
Totals—All Urban	7,027	1,756	5,271	2,123	1,980	1,893	1,412	2,264	233	2,031	1,020	748
Grand Totals—(Rural and Urban)	14,231	3,476	10,755	....	1,482	....	1,109	3,116	373	2,743	971	758
Increases over 1938-39	−313	−57	−256	−84	48	70	32	83	31	52	67	14

In computing average village salaries, Forest Hill, Long Branch and Swansea have been omitted, since they are a part of the Toronto metropolitan area.

TABLE 6—HIGH SCHOOL ENTRANCE EXAM-

(A) Public Schools of the City Inspectorates	May Enrolment, Grades I-VIII (inclus.)	High School Entrance Candidates	Recommended Candidates		Writing Candidates		
			Number	Per cent.	Number	Number successful	Per cent. successful
1 Brantford	3,602	367	282	76.8	85	34	40.0
2 Chatham	1,693	200	159	79.5	No writing candidates		
3 Hamilton	17,049	1,818	1,460	80.3	358	202	56.4
4 Kitchener	3,028	347	231	66.6	116	53	45.7
5 London	7,169	906	598	66.0	308	223	72.4
6 Ottawa	8,135	1,088	788	72.4	300	206	68.7
7 Peterborough	2,353	216	168	77.8	48	26	54.1
8 St. Catharines	2,883	317	214	67.4	103	76	73.9
9 Sarnia	2,140	280	241	86.1	39	......	......
10 Toronto	65,476	8,161	6,168	75.6	1,993	811	40.7
11 Welland	1,591	191	132	69.1	59	27	45.8
12 Windsor	9,644	1,292	966	74.8	326	178	54.6
Totals and Averages (A)	124,763	15,183	11,407	75.1	3,735	1,836	49.2
(B) Public Schools of the County Inspectorates							
1 Brant and Norfolk (in part)	3,167	418	206	49.4	212	147	69.1
2 Bruce East, Grey (in part), Huron (in part)	2,262	213	64	30.0	149	109	73.2
3 Bruce West	2,449	308	158	51.3	150	81	54.0
4 Carleton	4,467	660	302	45.8	358	245	68.4
5 Dufferin	1,707	210	127	60.5	83	45	54.0
6 Dundas	2,174	280	52	18.6	228	178	78.1
7 Durham (in part) and City of Oshawa	5,098	633	246	41.2	387	256	66.3
8 Elgin and City of St. Thomas	5,522	642	468	72.9	174	83	47.7
9 Essex No. 1	4,311	490	120	24.5	370	311	84.0
10 Essex No. 2, and Kent (in part)	4,277	327	159	48.6	168	125	74.4
11 Frontenac North, and Addington	1,438	152	33	21.7	119	50	42.0
12 Frontenac South No. 1, and Lennox (in part)	2,073	237	93	39.2	144	80	55.5
13 Frontenac South No. 2, and City of Kingston	3,087	326	184	56.4	142	107	75.3
14 Glengarry (in part) and Prescott (in part)	1,873	169	51	30.2	118	77	65.2
15 Grey East	2,224	249	95	38.1	154	111	72.1
16 Grey North and Bruce North	3,434	371	223	60.2	148	96	64.8
17 Grey South	2,887	333	143	42.9	190	127	66.8
18 Haldimand	2,996	364	149	40.9	215	150	69.8
19 Halton	3,421	396	248	62.6	148	104	70.3
20 Hastings Centre	2,299	286	155	54.2	131	79	60.3
21 Hastings North, and Renfrew (in part)	2,075	157	54	34.4	103	65	63.1
22 Hastings South, and City of Belleville	4,095	434	293	67.5	141	65	46.1
23 Huron North	2,167	272	132	48.5	140	93	66.4
24 Huron South	2,643	284	156	54.9	128	96	75.0
25 Kent (except part in Essex No. 2)	5,321	615	288	46.8	327	206	63.1
26 Lambton No. 1	2,815	334	131	39.2	203	99	48.8
27 Lambton No. 2	2,028	288	100	34.7	188	135	71.8
28 Lanark	4,136	538	168	31.2	370	283	76.5
29 Leeds No. 1	1,887	270	104	38.5	166	102	61.4
30 Leeds No. 2	2,436	294	152	51.7	142	104	73.2
31 Grenville	2,008	216	101	46.7	115	79	68.7
32 Lennox, and Hastings South (in part)	1,773	182	93	51.1	89	41	46.1
33 Lincoln (in part)	3,722	468	304	64.9	164	86	52.4
34 Middlesex East and Elgin (in part)	2,468	357	199	55.7	158	103	65.2
35 Middlesex West	2,497	248	103	41.5	145	192	63.4
36 Norfolk (in part)	4,250	385	210	54.5	175	117	66.9
37 Northumberland and Durham No. 1	2,755	292	131	44.9	161	88	54.7
38 Northumberland No. 2	2,521	309	100	32.4	209	157	75.4
39 Ontario North, and York (in part)	2,528	292	134	45.9	158	130	82.3
40 Ontario South	2,882	374	207	55.3	167	125	74.8
41 Oxford North, and City of Woodstock	3,104	334	212	63.5	122	93	76.2
42 Oxford South, and Norfolk (in part)	3,594	429	271	63.2	158	87	55.1
43 Peel	4,154	442	222	50.2	220	135	61.4
44 Perth North, and Wellington (in part)	3,024	326	102	31.3	224	156	69.6
45 Perth South, and City of Stratford	3,235	421	236	56.0	185	155	83.8
46 Peterborough East	2,427	282	99	35.1	183	101	55.2
47 Peterborough West, and Victoria East	2,254	252	138	54.8	114	84	73.7
48 Prescott and Russell No. 1	1,117	132	15	11.4	117	87	74.5
49 Russell No. 2	28	......	......	......	......	......	......
50 Prescott, and Russell No. 3	565	32	12	37.5	20	8	40.0
51 Prescott No. 4	246	19	......	......	19	5	26.3
52 Prince Edward	2,204	261	151	57.8	110	43	39.1
53 Renfrew North	2,882	279	83	29.7	196	86	43.9
54 Renfew South	2,832	292	55	18.8	237	168	70.9
55 Simcoe Centre	2,995	440	273	62.0	167	90	53.9
56 Simcoe East, and Muskoka (in part)	3,598	407	199	48.9	208	141	68.4
57 Simcoe North	922	78	52	66.1	26	13	50.0
58 Simcoe South, York (in part)	2,299	308	158	51.3	150	103	68.7
59 Simcoe West, Grey (in part), Dufferin (in part)	2,496	296	146	49.3	150	107	71.3
60 Stormont	3,382	333	98	29.4	235	193	82.1
61 Victoria West	1,463	169	70	41.4	99	66	66.7
62 Waterloo No. 1	3,464	366	279	76.2	87	51	58.6
63 Waterloo No. 2, and City of Galt	3,569	416	342	82.2	74	47	63.5

INATION RESULTS BY INSPECTORATES, 1940

	Successful Candidates										
	Total Number Successful	Per cent. of Total Applicants	Per cent. of May Enrolment	Average Age		Destination					
						Secondary School		Grade IX Elementary School		Retired from School	
				Years	Mos.	No.	Per cent.	No.	Per cent.	No.	Per cent.
1	316	86.1	8.8	13	10	270	85.4	....	....	46	14.6
2	159	79.5	9.4	14	..	139	87.4	....	....	20	12.6
3	1,662	91.4	9.7	14	..	1,470	88.4	....	....	192	11.6
4	284	81.8	9.4	13	7	78	27.4	184	64.8	22	7.8
5	821	90.6	11.4	13	11	773	94.1	....	....	48	5.9
6	994	91.4	12.2	14	½	962	96.8	....	....	32	3.2
7	194	89.8	8.2	14	2	173	89.2	....	....	21	10.8
8	290	91.5	10.1	14	..	255	87.8	....	....	35	12.2
9	241	86.1	11.3	13	6	229	95.0	....	....	12	5.0
10	6,979	85.5	10.6	14	3	5,984	85.7	683	9.8	312	4.5
11	159	83.2	10.0	14	1	147	92.4	....	....	12	7.6
12	1,144	88.5	11.9	13	7	1,053	92.0	83	7.2	8	.8
	13,243	87.2	10.6	14	..	11,533	87.1	950	7.2	760	5.7
1	353	84.4	11.1	13	11	240	68.0	43	12.2	70	19.8
2	173	81.2	7.6	13	9	118	68.2	16	9.2	39	22.6
3	239	77.6	9.8	13	10	198	82.8	10	4.2	31	13.0
4	547	82.9	12.2	13	5	488	89.2	18	3.3	41	7.5
5	171	82.1	10.0	14	..	100	58.5	25	14.7	46	26.8
6	230	82.1	10.6	13	4	193	83.9	4	1.8	33	14.3
7	400	63.2	7.8	14	..	292	72.9	31	7.7	87	21.9
8	551	85.8	10.0	14	1	447	81.1	14	2.6	90	16.3
9	431	88.0	10.0	14	..	306	71.0	88	20.4	37	8.6
10	284	86.9	6.6	14	..	206	72.5	9	3.2	69	24.3
11	83	54.6	5.8	13	7	24	28.9	38	45.8	21	25.3
12	173	73.0	8.3	13	9	113	65.3	17	9.8	43	24.9
13	291	89.3	9.4	13	10	241	82.8	12	4.2	38	13.0
14	128	75.7	6.8	13	10	79	61.7	26	20.3	23	18.0
15	206	82.7	9.3	13	6	126	61.2	23	11.1	57	27.7
16	319	86.0	9.3	13	9	238	74.6	11	3.5	70	21.9
17	270	81.1	9.4	13	9	148	54.8	17	6.3	105	38.9
18	299	82.1	10.0	13	7	236	79.0	14	4.6	49	16.4
19	352	88.9	10.3	13	2	288	81.8	6	1.7	58	16.5
20	234	81.8	10.2	13	10	159	67.9	31	13.3	44	18.8
21	119	75.8	5.7	14	..	44	37.0	32	26.9	43	36.1
22	358	82.5	8.7	14	2	304	84.9	3	.9	51	14.2
23	225	82.7	10.4	13	10	136	60.4	28	12.5	61	27.1
24	252	88.7	9.5	13	11	163	64.7	47	18.6	42	16.7
25	494	80.4	9.3	13	11	375	75.9	13	2.7	106	21.4
26	230	68.9	8.2	14	..	165	71.7	18	7.9	47	20.4
27	235	81.6	11.5	13	10	162	68.9	13	5.6	60	25.5
28	451	83.8	10.9	13	10	383	84.9	14	3.1	54	12.0
29	206	76.3	10.9	13	9	155	75.2	17	8.3	34	16.5
30	256	87.1	10.5	14	2	203	79.3	18	7.0	35	13.7
31	180	83.3	9.0	14	2	148	82.2	13	7.2	19	10.6
32	134	73.6	7.5	13	11	103	76.9	7	5.2	24	17.9
33	390	83.3	10.5	13	11	261	66.9	82	21.0	47	12.1
34	302	84.6	12.2	13	7	238	78.8	12	4.0	52	17.2
35	195	78.6	7.8	13	9	141	72.3	11	5.7	43	22.0
36	327	84.9	7.7	13	11	246	75.2	17	5.2	64	19.6
37	219	75.0	7.9	13	11	182	83.1	9	4.1	28	12.8
38	257	83.2	10.2	13	11	172	66.9	14	5.5	71	27.6
39	264	90.4	10.4	14	..	189	71.6	17	6.4	58	22.0
40	332	88.8	11.5	13	11	307	92.5	....	....	25	7.5
41	305	91.3	9.8	13	8	228	74.7	9	3.0	68	22.3
42	358	83.4	10.0	14	1	280	78.2	6	1.7	72	20.1
43	357	80.8	8.5	14	3	325	91.0	7	2.0	25	7.0
44	258	79.1	8.5	13	6	136	52.7	27	10.5	95	36.8
45	391	92.9	12.1	13	6	342	87.5	8	2.0	41	10.5
46	200	70.9	12.1	14	..	119	59.5	49	24.5	32	16.0
47	222	88.1	9.8	14	5	166	74.8	28	12.6	28	12.6
48	102	77.3	9.1	14	..	71	69.6	15	14.7	16	15.7
49	......	....	....	......	......	....	....	....	....	....	....
50	20	62.5	3.5	13	3	13	65.0	5	25.0	2	10.0
51	5	26.3	2.0	14	7	2	40.0	2	40.0	1	20.0
52	194	74.4	8.8	14	1	118	60.8	26	13.4	50	25.8
53	169	60.6	5.9	14	7	138	81.6	21	12.4	10	6.0
54	223	76.4	7.9	13	10	126	56.5	35	15.7	62	27.8
55	363	82.5	12.1	13	9	272	74.9	32	8.8	59	16.3
56	340	83.5	9.4	14	4	226	66.5	40	11.8	74	21.7
57	65	83.3	7.0	14	7	44	67.7	....	....	21	32.3
58	261	84.7	11.3	13	7	188	72.0	12	4.6	61	23.4
59	253	85.5	10.1	13	11	208	82.2	24	9.5	21	8.3
60	291	87.4	8.6	13	10	231	79.4	23	7.9	37	12.7
61	136	80.5	9.2	13	2	62	45.6	30	22.1	44	32.3
62	330	90.2	9.5	13	7	98	29.7	168	50.9	64	19.4
63	389	93.5	10.9	13	9	243	62.5	30	7.7	116	29.8

TABLE 6—HIGH SCHOOL ENTRANCE EXAM-

(B) Public Schools of the County Inspectorates	May Enrolment, Grades I-VIII (inclus.)	High School Entrance Candidates	Recommended Candidates		Writing Candidates		
			Number	Per cent.	Number	Number successful	Per cent. successful
64 Welland East, and City of Niagara Falls	4,345	555	418	75.3	137	66	48.2
65 Welland South	4,165	474	253	53.4	221	137	62.0
66 Welland (in part), Lincoln (in part)	2,533	244	101	41.4	143	98	68.5
67 Wellington North	2,790	362	103	36.6	259	178	68.7
68 Wellington South and City of Guelph	3,721	448	259	57.8	189	130	68.8
69 Wentworth	4,504	573	274	47.8	299	189	63.2
70 York No. 1	4,246	489	200	40.9	289	240	83.0
71 York No. 2	6,220	715	414	57.9	301	226	75.1
72 York No. 3	5,301	635	433	68.2	202	138	68.3
73 York No. 4	5,487	648	447	69.0	201	116	57.7
74 York No. 5	7,094	791	574	72.6	217	163	75.1
75 York No. 6	5,546	589	282	47.9	307	228	74.3
Totals and Averages (B)	229,979	26,510	13,407	50.6	13,103	8,622	65.8
(C) Public Schools of the District Inspectorates							
1 Division No. I	3,290	426	138	32.4	288	194	67.4
2 " " II	2,590	335	155	46.3	180	91	50.6
3 " " III	3,636	469	340	87.5	129	67	52.0
4 " " IV	4,243	478	248	51.9	230	172	74.8
5 " " V	4,282	400	291	72.7	109	37	33.9
6 " " VI	3,468	391	144	36.8	247	180	72.9
7 " " VII (Part 1)	4,228	420	320	76.2	100	61	61.0
8 " " VII (Part 2)	794	42	1	2.4	41	18	43.9
9 " " VIII	2,340	233	79	33.9	154	106	68.9
10 " " IX, X, and XI	11,851	1,081	521	48.2	560	348	62.1
11 " " XII (Part 1)	3,150	239	99	41.4	140	71	50.7
12 " " XII (Part 2)	56	5	......	......	5	3	60.0
13 " " XII (Part 3)	755	26	......	......	26	3	11.5
14 " " XIII	2,175	249	88	35.3	161	100	62.1
15 " " XIV	2,127	210	132	62.9	78	48	61.5
16 " " XV	2,093	253	115	45.4	138	68	49.3
17 " " XVI	2,010	175	46	26.2	129	96	74.4
Totals and Averages (C)	53,088	5,432	2,717	50.0	2,715	1,663	61.2
(D) Roman Catholic Separate School Inspectorates							
1 Division No. I	4,541	430	303	70.5	127	67	52.8
2 " " II	4,900	406	199	49.0	207	93	44.9
3 " " III	3,952	255	83	32.5	172	96	55.8
4 " " IV	3,412	212	30	14.1	182	87	47.8
5 " " V	5,335	230	93	40.4	137	73	53.3
6 " " VI (1939)	5,134	610	408	66.9	202	137	67.8
7 " " VII	3,948	417	236	56.6	181	125	69.1
8 " " VIII	3,408	261	162	62.0	99	54	54.5
9 " " IX	3,897	440	243	55.2	197	137	69.5
10 " " X	4,999	519	354	68.2	165	74	44.8
11 " " XI	4,836	602	419	69.6	183	73	39.9
12 " " XII	4,426	582	410	70.4	172	104	60.5
13 " " XIII and XIV	12,756	1,660	1,188	71.6	472	191	40.5
14 " " XV	3,743	408	248	60.8	160	129	80.6
15 " " XVI	3,984	306	115	37.6	191	152	79.6
16 " " XVII	4,204	530	279	52.6	251	175	69.7
17 " " XVIII	4,633	464	291	62.7	173	123	71.1
18 " " XIX	3,784	262	141	53.8	121	90	74.4
19 " " XX	3,152	160	50	31.0	110	42	38.4
20 " " XXI	4,084	231	96	41.6	135	69	51.1
21 " " XXII	3,681	224	55	24.5	169	89	52.7
Totals and Averages (D)	96,809	9,209	5,403	58.7	3,806	2,180	57.3
Grand Totals and Averages	504,639	56,334	32,934	58.5	23,359	14,301	61.2
Increases for the year	......	......	461	1.0	......	......	......
Decreases for the year	9,750	122	......	......	627	2,112	7.2

SUMMARY

(This includes results of candidates from private sources.)

Enrolment Grade VIII on the last school day in May, 1940		60,352
Number of High School Entrance Candidates:—		
Recommended by Principal on Group II	33,236	
Number taking written test on Group II	23,596	
		56,832
High School Entrance candidate percentage of 1940 Grade VIII Enrolment		94.17%

INATION RESULTS BY INSPECTORATES, 1940

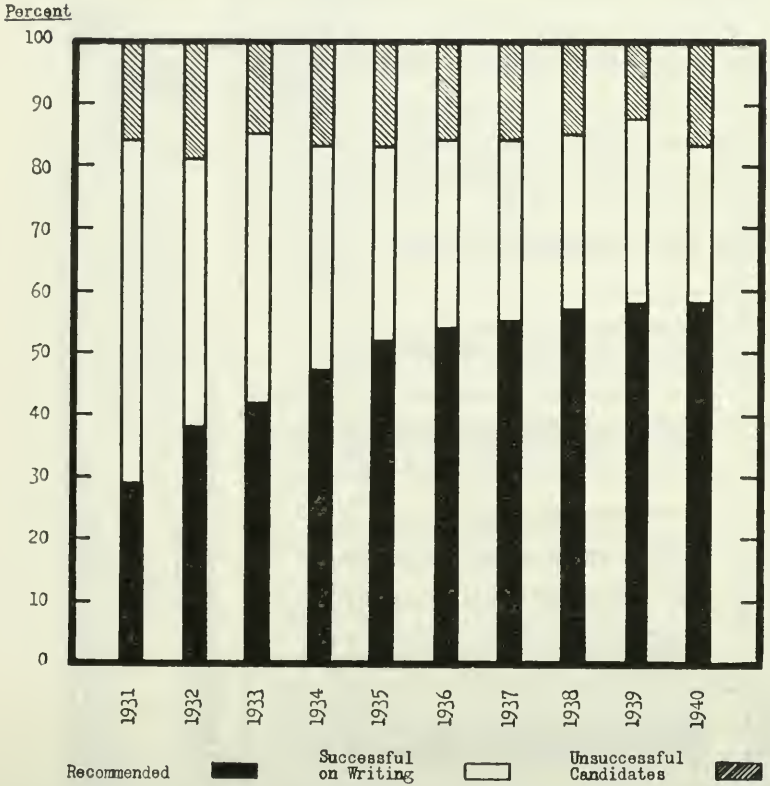
	Successful Candidates										
	Total Number Successful	Per cent. of Total Applicants	Per cent. of May Enrolment	Average Age		Destination					
						Secondary School		Grade IX Elementary School		Retired from School	
				Years	Mos.	No.	Per cent.	No.	Per cent.	No.	Per cent.
64	484	87.2	11.1	14	..	440	90.9	....	....	44	9.1
65	390	82.3	9.4	13	6	346	88.7	1	.3	43	11.0
66	199	81.6	7.8	14	..	135	67.8	19	9.6	45	22.6
67	281	77.6	10.0	13	6	209	74.4	23	8.2	49	17.4
68	389	86.8	10.4	13	9	280	72.0	34	8.7	75	19.3
69	463	80.8	10.3	13	11	359	77.5	35	7.6	69	14.9
70	440	89.9	10.4	13	7	331	75.2	7	1.6	102	23.2
71	640	89.5	10.2	14	1	594	92.8	....	....	46	7.2
72	571	89.9	10.8	13	9	525	91.9	....	....	46	8.1
73	563	86.9	10.2	13	11	534	94.8	....	....	29	5.2
74	737	93.2	10.4	14	1	670	90.9	....	....	67	9.1
75	510	86.6	9.2	14	3	463	90.8	....	....	47	9.2
	22,029	83.1	9.6	13	11	16,846	76.5	1,554	7.1	3,629	16.4
1	332	77.9	10.0	14	2	226	68.1	88	26.5	18	5.4
2	246	73.4	9.5	14	1	103	41.9	102	41.9	41	16.2
3	417	88.9	11.5	14	..	366	87.7	28	6.8	23	5.5
4	420	87.9	9.9	14	3	192	45.7	167	39.8	61	14.5
5	328	82.0	7.6	13	10	260	79.3	28	8.5	40	12.2
6	324	82.9	9.3	14	8	203	62.6	89	27.5	32	9.9
7	381	90.7	9.0	14	6	260	68.2	52	13.6	69	18.2
8	19	45.2	2.3	14	9	6	31.6	7	36.8	6	31.6
9	185	79.4	7.9	14	2	88	45.1	51	27.6	46	27.3
10	869	80.4	7.3	14	3	700	80.5	115	13.2	54	6.3
11	170	71.1	5.3	14	2	103	60.6	42	24.7	25	14.7
12	3	60.0	5.5	14	7	....	....	....	....	3	100.0
13	3	11.5	.4	15	6	....	....	3	100.0	....	....
14	188	75.5	8.6	13	8	88	46.8	57	30.3	43	22.9
15	180	85.7	8.5	14	2	89	49.4	42	23.3	49	27.3
16	183	72.3	8.7	13	11	103	56.3	46	25.1	34	18.6
17	142	81.1	7.1	13	11	69	48.6	43	30.3	30	21.1
	4,390	80.8	8.3	14	..	2,856	65.0	960	21.9	574	13.1
1	370	86.0	8.1	14	1	285	77.0	55	14.9	30	8.1
2	292	71.9	5.9	14	7	183	62.7	68	23.3	41	14.0
3	179	70.2	4.5	14	4	76	42.4	73	40.8	30	16.8
4	117	55.2	3.4	14	9	75	64.1	19	16.2	22	19.7
5	166	72.2	3.1	14	5	132	79.5	13	7.8	21	12.7
6	545	89.3	10.6	13	9	236	43.3	176	32.3	133	24.4
7	361	86.6	9.1	14	2	115	31.8	207	57.3	39	10.9
8	216	82.7	6.3	14	4	160	74.1	20	9.2	36	16.7
9	380	86.4	9.7	13	8	138	36.3	176	46.3	66	17.4
10	428	82.5	8.5	13	10	184	43.0	169	39.5	75	17.5
11	492	81.7	10.1	14	..	263	53.4	204	41.5	25	5.1
12	514	88.3	11.6	14	2	279	54.3	186	36.2	49	9.5
13	1,379	83.1	9.2	14	2	779	56.5	331	24.0	269	19.5
14	377	92.4	10.1	13	8	231	61.3	116	30.8	30	7.9
15	267	87.2	6.7	13	10	151	56.5	79	29.6	37	13.9
16	454	85.7	10.8	14	1	130	28.6	296	65.1	28	6.3
17	414	89.2	8.9	14	..	67	16.2	278	67.1	69	16.7
18	231	88.2	6.1	14	7	98	42.4	105	45.4	28	13.2
19	94	58.7	3.0	13	8	22	23.4	57	60.4	15	16.2
20	165	71.4	4.0	13	7	128	77.6	17	10.3	20	12.1
21	144	64.3	3.9	14	7	78	54.2	41	28.4	25	17.4
	7,583	82.3	7.8	14	..	3,810	50.2	2,686	35.4	1,087	14.4
	47,245	83.9	9.4	13	11	35,045	74.2	6,150	13.0	6,050	12.8
	 1,641	.... 2.7	1	....	....	 1,568	7	 376	3	303	1.0 ....

Number of candidates successful on written test on Group II:—

By Regulation 10—(1) and (2)	13,084	
(3) and (4)	546	
(5)	628	
(6)	145	
(7)	303	
		14,706
Total Number of successful candidates		47,942
Percentage of candidates who were successful		84.36%

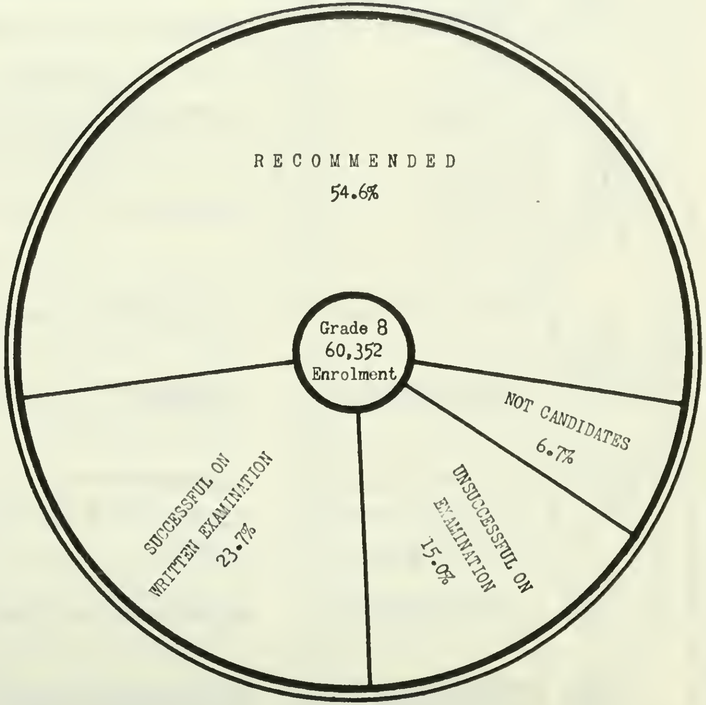
(58.48% by Principals' recommendation and 25.88% by passing written test.)

HIGH SCHOOL ENTRANCE EXAMINATION



Results for Past Ten Years, Showing Increase in Recommended Candidates

Graph 6.



Relation of Examination to Grade 8 Enrolment, 1940

Graph 7.

FINE EXAMPLES OF IMPROVED RURAL SCHOOL GROUNDS

S.S. 2 Elma, Perth County

S.S. 21 Haldimand, Northumberland County

TABLE 7—FIFTH CLASSES (GRADES IX AND X) 1939-40

(A) Public Schools of the County Inspectorates	No. of Schools Conducting Fifth Class Work	Fifth Class Enrolment in These Schools	Number of Qualifying Fifth Classes*	Enrolment in Qualifying Fifth Classes	Average Per Class		Grading			Legislative Grant to Qualifying Classes
					Enrolment	Daily Attendance	A	B	C	
Brant and Norfolk (in part)	5	19	2	16	8.0	6.6	1	1	....	$220.47
Bruce East, Grey (in part), Huron (in part)	17	23	6	15	2.5	2.4	....	....	6	378.75
Bruce West	14	29	3	13	4.3	3.7	....	....	3	268.38
Carleton	3	25	3	25	8.3	7.7	3	....	....	392.58
Dufferin (in part)	15	41	3	25	8.3	7.7	1	1	1	249.25
Dundas	3	9	1	7	7.0	6.3	....	1	....	81.63
Durham (in part)	7	35	6	35	5.8	4.9	2	3	1	695.52
Elgin East	7	22	5	19	3.8	3.1	2	2	1	482.13
Essex No. 1 (North)	10	244	7	120	17.1	2.8	4	3	....	938.84
Essex No. 2 (South) and Kent (in part)	5	5	....	....	....	....	....	....	....	....
Frontenac North and Addington (in part)	18	50	4	23	5.8	5.0	2	2	....	440.37
Frontenac South, No. 1 and Lennox (in part)	13	40	3	25	8.3	7.2	1	1	1	292.50
Frontenac South, No. 2 and City of Kingston	11	40	3	27	9.0	8.4	....	....	3	264.73
Glengarry (in part) and Prescott (in part)	10	23	3	14	4.7	4.1	....	2	1	224.61
Grey East	15	25	1	7	7.0	6.5	....	1	....	122.67
Grey North and Bruce North	6	24	1	11	11.0	7.8	....	1	....	107.09
Grey South	14	31	5	22	4.4	3.9	2	....	3	426.04
Haldimand	8	19	3	13	4.3	3.6	....	3	....	272.84
Halton	7	19	1	8	8.0	5.5	....	....	1	80.67
Hastings Centre	15	33	5	21	4.2	3.9	....	4	1	411.22
Hastings North and Renfrew (in part)	25	52	2	15	7.5	6.6	....	2	....	181.95
Hastings South	5	9	1	3	3.0	2.1	1	....	....	148.32
Huron East	19	55	5	37	7.4	6.1	2	1	2	431.57
Huron West	19	92	8	80	10.0	8.6	5	2	1	932.00
Kent (except part in Essex No. 2)	8	27	5	25	5.0	3.8	....	5	....	458.55
Lambton West, No. 1	10	29	3	17	5.7	4.4	1	2	....	348.72
Lambton East, No. 2	13	36	2	22	11.0	9.9	1	1	....	298.81
Lanark	16	22	1	4	4.0	3.4	....	1	....	54.00
Leeds and Grenville, No. 1	15	28	2	11	5.5	3.8	2	....	....	322.29
Leeds and Grenville, No. 2	5	17	1	12	12.0	10.0	1	....	....	142.27
Leeds and Grenville, No. 3	15	37	6	17	2.8	2.3	....	1	5	334.98
Lennox and Hastings South (in part)	8	14	....	....	....	....	....	....	....	....
Lincoln (in part)	3	65	2	62	31.0	26.3	2	....	....	290.83
Middlesex East and Elgin (in part)	6	27	4	25	6.3	5.8	....	4	....	376.19
Middlesex West	6	13	2	8	4.0	3.6	1	....	1	215.50
Norfolk (in part)	10	22	2	11	5.5	4.2	....	2	....	163.37
Northumberland and Durham, No. 1	13	38	8	30	3.8	3.5	....	2	6	451.62
Northumberland and Durham, No. 2	17	46	10	37	3.7	2.8	....	2	8	684.78
Ontario North and York (in part)	10	28	5	26	5.2	4.1	....	4	1	399.39
Ontario South	3	5	....	....	....	....	....	....	....	....
Oxford North and City of Woodstock	4	24	3	23	7.7	6.2	1	2	....	301.56
Oxford South and Norfolk (in part)	4	15	4	15	3.8	2.7	3	1	....	410.42
Peel (in part)	2	18	2	18	9.0	7.5	....	1	1	156.41
Perth North and Wellington (in part)	20	39	3	13	4.3	3.9	....	3	....	297.54
Perth South	3	4	....	....	....	....	....	....	....	....
Peterborough East	31	62	5	19	3.8	3.1	....	2	3	347.18
Peterborough West and Victoria East	22	47	3	14	4.7	4.1	....	3	....	268.01
Prescott and Russell, No. 1	8	39	4	32	8.0	6.7	2	2	....	396.31
Prescott and Russell, No. 2	....	....	....	....	....	....	....	....	....	....
Prescott and Russell, No. 3	1	9	1	9	9.0	7.7	1	....	....	166.95
Prescott and Russell, No. 4 and Glengarry (in part)	....	....	....	....	....	....	....	....	....	....
Prince Edward	19	34	1	6	6.0	5.0	1	....	....	143.55
Renfrew North	22	58	7	43	6.1	5.4	1	2	4	563.30
Renfrew South	27	62	1	12	12.0	10.5	....	1	....	90.24
Simcoe Centre	18	53	13	57	4.4	3.2	3	2	8	877.60
Simcoe East and Muskoka (in part)	20	132	9	120	13.3	11.0	3	3	3	984.60
Simcoe North and Kent (in part)	....	....	....	....	....	....	....	....	....	....
Simcoe South and York (in part)	11	22	4	13	3.2	2.6	....	1	3	338.23
Simcoe West, Grey (in part) and Dufferin (in part)	21	59	11	43	4.0	3.1	....	....	11	751.73
Stormont	10	36	2	27	13.5	11.7	2	....	....	238.66
Victoria West	21	73	5	43	8.6	7.4	5	....	....	714.02
Waterloo, No. 1	15	50	5	38	7.6	7.0	1	4	....	518.61
Waterloo, No. 2	3	86	3	86	28.7	25.9	2	....	1	363.28
Welland East	....	....	....	....	....	....	....	....	....	....
Welland South	....	....	....	....	....	....	....	....	....	....
Welland (in part) and Lincoln (in part)	2	28	1	26	26.0	23.8	1	....	....	134.46
Wellington North	13	20	1	5	5.0	4.6	....	1	....	86.28
Wellington South and City of Guelph	15	66	9	60	6.7	6.0	1	3	5	714.67
Wentworth	6	41	4	47	11.7	8.9	2	2	....	460.24

*Qualifying for Legislative Grant.

TABLE 7—FIFTH CLASSES (GRADES IX AND X), 1939-40

(A) Public Schools of the County Inspectorates	No. of Schools Conducting Fifth Class Work	Fifth Class Enrolment in These Schools	Number of Qualifying Fifth Classes	Enrolment in Qualifying Fifth Classes	Average Per Class: Enrolment	Average Per Class: Daily Attendance	Grading: A	Grading: B	Grading: C	Legislative Grant to Qualifying Classes
York, No. 1	2	20	2	20	10.0	8.7	1	1	....	$293.98
York, No. 2	......	......	......	......	......	......	....	....	....	....
York, No. 3	......	......	......	......	......	......	....	....	....	....
York, No. 4	......	......	......	......	......	......	....	....	....	....
York, No. 5	......	......	......	......	......	......	....	....	....	....
York, No. 6	1	56	1	56	56.0	52.2	1	....	....	174.38
Totals and Averages, (A)	750	2,571	238	1,733	7.3	5.8	65	88	85	$22,377.64
(B) Public Schools of the District Inspectorates										
Division No. I	18	79	8	57	7.1	5.7	3	4	1	$1,851.12
" " II	36	129	19	108	5.7	4.9	3	3	13	3,202.24
" " III	23	46	10	32	3.2	2.6	....	....	10	1,144.26
" " IV	25	244	10	70	7.0	5.6	4	3	3	1,978.54
" " V	21	60	5	36	7.2	5.8	....	4	1	969.30
" " VI	22	102	14	95	6.8	6.0	5	3	6	3,097.07
" " VII, Part 1	31	89	13	64	5.0	3.4	1	4	8	2,128.38
" " VII, Part 2	......	......	......	......	......	......	....	....	....	....
" " VIII	27	60	9	45	5.0	3.7	....	2	7	1,273.34
" " IX	25	57	5	46	9.2	6.6	1	1	3	959.69
" " X, Part 1	20	74	9	57	6.4	5.2	1	4	4	1,522.47
" " X, Part 2	......	......	......	......	......	......	....	....	....	....
" " XI	26	78	11	77	7.0	5.4	3	2	6	2,112.29
" " XII, Part 1	21	52	2	11	5.5	4.8	....	2	....	336.64
" " XII, Part 2	......	......	......	......	......	......	....	....	....	....
" " XII, Part 3	......	......	......	......	......	......	....	....	....	....
" " XIII	40	98	6	58	9.7	8.2	1	5	....	1,488.60
" " XIV	36	104	7	50	7.1	5.8	2	5	....	1,773.58
" " XV	21	77	17	70	4.1	3.3	1	4	12	2,582.10
" " XVI	31	86	15	67	4.5	3.8	2	2	11	1,883.54
Totals and Averages, (B)	423	1,435	160	943	5.9	4.8	27	48	85	$28,303.16
(C) Public Schools of the City Inspectorates										
Kitchener	2	417	......	......	......	......	....	....	....	....
Toronto	11	1,703	......	......	......	......	....	....	....	....
Windsor	1	244	......	......	......	......	....	....	....	....
Totals and Averages, (C)	14	2.364	......	......	......	......	....	....	....	....
(D) Roman Catholic Separate School Inspectorates										
Division No. I	4	80	2	11	5.5	4.0	....	....	2	$345.40
" " II	9	76	7	68	9.7	9.1	4	3	....	1,604.72
" " III	5	65	4	62	15.5	13.7	1	....	3	949.14
" " IV	16	111	12	106	8.8	7.6	6	3	3	2,123.35
" " V	8	32	8	32	4.0	3.5	5	1	2	1,403.93
" " VI	8	376	3	61	20.3	17.4	2	1	....	439.22
" " VII	9	298	7	217	31.0	26.8	7	....	....	1,058.39
" " VIII	6	111	3	25	8.3	7.0	3	....	....	342.63
" " IX	17	450	10	114	11.4	9.8	8	1	1	1,452.02
" " X	13	398	6	76	12.7	11.3	4	2	....	749.35
" " XI	5	419	1	47	47.0	41.0	1	....	....	166.50
" " XII	11	181	5	33	6.6	5.9	2	2	1	516.43
" " XIII	2	438	......	......	......	......	....	....	....	....
" " XIV	2	7	2	7	3.5	3.0	....	1	1	241.11
" " XV	9	302	7	142	20.3	20.2	5	1	1	885.39
" " XVI	19	224	15	125	8.3	7.5	5	3	7	1,595.06
" " XVII	11	272	2	29	14.5	12.8	1	....	1	117.00
" " XVIII	5	501	......	......	......	......	....	....	....	....
" " XIX	1	5	1	5	5.0	4.5	1	....	....	123.75
" " XX	8	105	8	105	13.1	11.9	8	....	....	1,008.45
" " XXI	7	81	6	72	12.0	10.2	5	1	....	654.02
" " XXII	8	85	7	70	10.0	9.0	7	....	....	896.01
Totals and Averages, (D)	183	4,617	116	1,407	12.1	11.8	75	19	22	$16,671.87
Grand Totals and Averages	1,370	10,987	514	4,083	7.9	6.8	167	155	192	$67,352.67†
Increase for the year	......	1,176	......	1	.1	......	6	....	....	$4,816.26
Decrease for the year	82	......	6	......	......	.2	....	11	1	....

†Legislative Grants for Equipment only, to schools whose Fifth Classes have qualified in past years, but not this year, $873.26. This is an increase in grants for equipment only, of $110.03 over last year.

TABLE 8—REPORT OF THE HEALTH SERVICES IN

(A) Municipalities in which School Medical or Nursing Service is under the local Board of Health	School	No. of school children enrolled	Personnel				No. of children entering Grade I
			Reg. Nurse	M.D.	D.D.S.	D.A.	
Cities							
1 Brantford	Pub. and Sep.	4,372	4	1	1	1	477
2 Hamilton	Pub., Sep. and High	28,986	32	6	8	4	1,525
3*Kitchener	Pub. and Sep.	......	6	½	1	......	......
4 North Bay	Pub. and Sep.	2,906	2	......	‡	......	414
5 Oshawa	Pub. and Sep.	4,068	4	2 p.t.	4 p.t. ‡	......	558
6 Ottawa	Sep.	11,764	13	¼	......	......	1,291
7 Peterborough	Sep.	936	1	......	......	......	Not given
8 Port Arthur	Pub. and Sep.	3,151	2	......	‡	......	317
9 St. Catharines	Pub. and Sep.	4,068	5	1	3	2	402
10 St. Thomas	Pub. and Sep.	2,029	2	......	1 p.t.	......	229
11 Sarnia	Pub. and Sep.	2,790	3	......	1 p.t.	......	265
12 Stratford	Pub. and Sep.	2,288	2	......	1 p.t.	......	243
13 Toronto	Pub. and Sep.	89,658	85	9 f.t. 2 p.t.	7 f.t. 23 p.t.	31	9,490
14 Woodstock	Pub. and Sep.	1,590	2	......	......	......	205
Suburban							
1 York East Twp.	Pub. and Sep.	6,293	5	......	......	......	716
2 York Twp.	Pub. and Sep.	11,436	8 f.t. 1 p.t.	2 p.t.	6 p.t.	......	1,134
Towns							
1 Bowmanville	Pub.	535	1	......	......	......	68
2 Burlington	Pub.	562	1	¼	‡	......	98
3 Cochrane	Pub., Sep. and High	819	1	......	......	......	68
4 Cornwall (included in United Counties Health Unit)							
5 Dryden (*a*)	Pub.	350	1	......	......	......	50
6 Dundas	Pub. and Sep.	740	1	......	‡	......	81
7 Elmira (lapsed)	Pub. and Sep.	......	......	......	......	......	......
8 Fort Frances	Pub. and Sep.	1,259	1	......	‡	......	131
9 Haileybury	Pub., Sep. and High	546	1	......	......	......	39
10 Ingersoll	Pub. and Sep.	1,053	1	¼	‡	......	70
11 Kirkland Lake (Teck Twp.)	Pub. and Sep.	3,569	3	......	½	......	563
12 Lindsay	Pub. and Sep.	1,124	1	......	......	......	123
13 Midland	Pub. and Sep.	1,186	1	......	‡	......	125
14 New Toronto	Pub.	1,241	1	¼	1 p.t.	......	137
15*Oakville (includes Trafalgar S.S. 12, 13, 16 and 18)	Pub. and Sep.	......	......	......	......	......	......
16 Orillia	Pub. and Sep.	1,346	1	......	1 p.t.	......	140
17 Paris	Pub. and Sep.	512	1	......	‡	......	71
18 Penetanguishene	Pub. and Sep.	842	1	......	‡	......	133
19 Perth	Pub. and Sep.	618	1	......	1 p.t.	......	57
20 Port Colborne	Pub.	1,350	1	¼	......	......	131
21 Renfrew	Pub. and Sep.	942	1	......	......	......	100
22 St. Mary's	Pub., Sep. and High	694	1	¼	1 p.t.	......	58
23 Simcoe	Pub.	943	1	......	......	......	122
24 Strathroy	Pub.	427	1	......	‡	......	56
25 Thorold	Pub. and Sep.	739	1	......	......	......	92
26 Timmins	Pub. and Sep.	5,216	4	¼	1 p.t.	......	702
27 Wallaceburg	Pub. and Sep.	976	1	......	‡	......	109
28 Weston	Pub. and Sep.	904	1	......	‡	......	83
Villages							
1 Forest Hill	Pub.	1,724	1	1	1	......	128
2 Swansea	Pub.	689	1	¼	1 p.t.	......	106
Part Time							
1*Gananoque	Pub.	......	......	......	......	......	......
2 Fort William	Sep.	1,175	1	......	......	......	168
Rural Units							
1 Ayr, North and South Dumfries	Pub. and Con.	933	1	......	......	......	65
2 Etobicoke Twp. (S.S. 3, 8, 11, 16)	Pub.	1,941	1 f.t. 2 p.t.	......	1 p.t.	......	245
3 Tecumseh and East Sandwich	Pub. and Sep.	1,953	1	......	......	......	193
4 North York Twp.	Pub. and Sep.	2,974	1	¼	‡	......	300
5 Temiskaming District (94 schools)	Pub. and Sep.	Service	lapsed	through	illness	of nurse	......
6 United Counties Stormont (Cornwall), Dundas, Glengarry	Pub. and Sep.	11,619	9	1 f.t. 4 p.t.	......	......	......
(A) Totals		227,836	......			......	21,778

THE PUBLIC AND SEPARATE SCHOOLS OF ONTARIO, 1940

	No. of these who had physical examination before entering	No. of defects (other than dental) requiring correction found, 1940	No. of these defects corrected, 1940	No. of children with dental defects found, 1940	No. of children with dental defects corrected, 1940	No. of Grade VIII children completing course, 1940	No. of these leaving with uncorrected defects	Vision	Hearing	Tonsils and defective nasal breathing	Dental	Other
1	181	280	66	1,966	961	441	112	12	1	121	173	16
2	1,633	3,905	1,673	288	5,296	2,408	260	15	1	116	590	128
3*	....	....	....	....	....	....	....	....	....	....	....	....
4	152	158	51	203	130	361	107	6	1	143	145	2
5	6	663	92	1,188	624	Re	mainder	not	given			
6	111	505	183	2,565	647	380	78	7	3	46	93	27
7	....	153	25	190	11	Re	mainder	not	given.			
8	202	202	60	412	334	359	132	9	1	51	132	3
9	129	306	155	Not given	1,224	Re	mainder	not	given.			
10	198	313	41	1,157	479	206	53	9	6	60	40	13
11	447	226	63	391	370	257	46	8	....	55	49	5
12	129	89	69	321	388	287	65	8	2	43	....	12
13	3,225	8,419	....	43,235	29,824	9,488	1,635	199	63	1,287	....	1,017
14	127	54	30	153	288	178	28	1	....	28	52	5
1	404	376	124	876	252	Re	mainder	not	given.			
2	....	2,068	161	3,894	3,958	1,028	487	8	7	306	....	327
1	68	28	11	116	98	Re	mainder	not	given.			
2	35	80	36	....	44	80	46	5	....	22	....	19
3	45	98	10	264	136	52	6	3	....	4	....	....
4	....	....	....	....	....	....	....	....	....	....	....	....
5	4	32	6	61	150	33	11	3	....	8	10	7
6	....	23	23	132	80	66	6	3	....	4	15	2
7	....	....	....	....	....	....	....	....	....	....	....	....
8	....	27	4	176	94	97	13	5	1	8	76	....
9	21	91	13	103	68	31	15	8	2	13	20	....
10	72	107	31	72	58	86	28	5	2	16	4	2
11	287	323	92	2,896	786	245	21	4	1	14	65	3
12	41	121	20	190	38	143	24	3	1	33	13	....
13	81	73	19	126	123	143	50	....	1	31	33	18
14	....	70	22	970	239	120	39	11	....	29	58	6
15*	....	....	....	....	....	....	....	....	....	....	....	....
16	96	159	47	161	414	121	28	1	....	28	57	5
17	95	75	45	214	108	68	8	1	1	4	....	2
18	95	36	20	274	26	70	5	1	1	2	45	1
19	12	21	12	194	172	50	8	1	3	11	10	1
20	....	153	25	66	136	143	31	2	....	40	47	6
21	....	117	25	346	139	100	30	1	1	31	55	5
22	2	41	23	215	215	52	1	1	....	....	1	....
23	11	37	14	145	172	82	4	1	....	11	23	2
24	84	35	12	92	37	48	15	....	1	14	....	....
25	....	20	5	128	70	131	22	....	....	22	73	....
26	....	859	393	257	194	265	94	24	6	78	154	62
27	12	122	27	816	1,125	94	15	6	1	8	29	....
28	47	236	50	653	149	87	20	1	2	10	27	13
1	172	190	18	917	280	93	6	4	....	2	....	....
2	....	37	20	....	172	76	16	....	....	16	17	1
1*	....	....	....	....	....	....	....	....	....	....	....	....
2	....	11	11	388	52	82	28	9	....	28	29	9
1	43	67	46	64	96	69	4	....	....	5	13	....
2	....	161	113	284	176	248	56	9	2	45	67	5
3	109	291	34	116	69	164	94	10	2	64	49	29
4	....	230	2	47	....	218	52	14	4	30	30	22
5	....	....	....	....	....	....	....	....	....	....	....	....
6	....	737	....	1,332	105	....	....	....	....	....	....	....
	8,376	22,425	4,022	68,654	50,607	18,750	3,799	418	117	2,887	2,294	1,775

TABLE 8—REPORT OF THE HEALTH SERVICES IN

(B) Municipalities in which School Medical or Nursing Service is under the local School Board		No. of school children enrolled	Personnel				No. of children entering Grade 1
			Reg. Nurse	M.D.	D.D.S.	D.A.	
Cities	School						
1 Belleville	Pub.	1,861	1		1 p.t.		172
2 Chatham	Pub.	2,000	1		‡		233
3 Fort William	Pub.	3,071	3		‡		326
4 Galt	Pub. and Sep.	1,937	1	½	‡		218
5 Guelph	Pub.	2,469	1		‡		281
6 Kingston	Pub.	2,951	2		1 p.t.		238
7 London	Pub. and High	8,719	6	1	7 p.t.	7	867
8 London	Sep.	1,243	1				123
9 Niagara Falls	Pub. and Sep.	2,831	2		‡		320
10 Ottawa	Pub.	9,362	5	1	1	1	1,100
11 Owen Sound	Pub. and Sep.	2,217	2		1 p.t.		244
12 Peterborough	Pub.	2,742	2	½	1 p.t.	1	
13 Sault Ste. Marie	Pub.	3,051	2		‡		319
14 Sudbury	Pub.	2,969	1		1 p.t.		355
15 Sudbury	Sep.	2,758	1		‡		647
16 Welland	Pub. and High	1,728	1		‡		185
17 Windsor	Pub. and High	26,383	12	1 f.t.	2 f.t.		
				3 p.t.	1 p.t.	1	1,162
Towns							
1 Barrie (This report is for the first six months of the year only)	Pub. and Sep.	1,332	1		1 p.t.		157
2 Brampton (see Peel County)							
3 Brockville	Pub.	1,241	1		‡		128
4 Collingwood	Pub.	978	1				63
5 Long Branch	Pub. and Con.	1,112	1		1 p.t.		104
6 Mimico	Pub. and Sep.	1,347	1		1 p.t.		146
7 Pembroke	Pub.	1,046	1				160
8 Pembroke	Sep.	842	1				103
9 Waterloo	Pub. and Sep.	1,040	1		‡		140
Part Time							
1 Brant County and Waterford	Pub.	582	1 p.t.				71
2*Brockville	Sep.						
3 Kingston	Sep.	957	1		1 p.t.		128
4 Leaside	Pub.	890	1				105
5 Riverside	Pub.	575	1				36
6 Rockcliffe	Pub.	173	½				28
7 Scarboro Twp. (S.S. 13)	Pub.	425	1				53
8 Scarboro Twp. (S.S. 15)	Pub.	560	1				
9 Southampton	Pub.	238	1 p.t.		‡		37
10*Trafalgar Twp. (See Oakville)	Pub.						
11*Trenton	Pub.						
12 Wiarton	Pub.	1,750	1 p.t.		1 p.t.		31
Rural Units							
1 Carleton County (Nepean Twp.)	Pub.	1,375	1				202
2 Haldimand County (part)	Pub. and High	1,195	1				134
3 Lincoln East	Pub. and Sep.	1,626	1				238
4 Lincoln West	Pub.	1,700	1		‡		162
5 Peel (part) and Brampton	Pub. and High	1,923	1		‡		188
6 Welland County and Stamford	Pub.	1,434	1		‡		189
7 Welland, Thorold Twp. and Fonthill	Pub.	866	1		1 p.t.		93
8 Welland County, Fort Erie, Bertie Twp., Chippawa, etc.	Pub. and High	1,203	1		‡		83
9 Welland County, Fort Erie North	Pub. and High	919	1				72
10 Wentworth County	Pub.	3,514	3		1 p.t.		265 plus
11 York County (Scarboro S.S. 10, 12)	Pub. and High	1,589	1				250
(C) School Health Service under County Council							
1 Oxford County	Pub.	4,409	2				
(B) and (C) Totals		115,133					10,156

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*Report not received.
‡In D.D.S. column means some dental work done by service clubs or other private agencies.

THE PUBLIC AND SEPARATE SCHOOLS OF ONTARIO, 1940

	No. of these who had physical examination before entering	No. of defects (other than dental) requiring correction found, 1940	No. of these defects corrected, 1940	No. of children with dental defects found, 1940	No. of children with dental defects corrected, 1940	No. of Grade VIII children completing course, 1940	No. of these leaving with uncorrected defects	Vision	Hearing	Tonsils and defective nasal breathing	Dental	Other
1	98	162	76	1,349	703	185	35	6	2	31	85	......
2	54	173	110	532	506	184	5	1	1	6	14	......
3	116	299	79	395	338	340	115	10	1	79	121	......
4	95	73	67	190	179	218	13	2	......	10	18	1
5	....	88	20	291	181	181	17	5	1	11	46	4
6	121	162	43	864	425	255	20	5	......	20	42	......
7	....	1,266	138	1,400	4,359	896	167	15	8	126	88	108
8	....	41	34	131	102	123	14	2	......	12	42	......
9	20	237	100	647	422	293	12	3	......	17	93	......
10	....	....	....	....	1,370	1,000	Rema	inder	not	given.		
11	....	171	68	212	407	193	55	5	2	74	43	2
12	....	125	89	....	....	Rema	inder not	given				
13	....	199	25	474	267	266	56	13	5	51	79	2
14	2	446	115	1,578	732	241	28	10	4	30	39	7
15	....	69	51	238	226	195	21	1	1	15	46	3
16	....	115	19	216	70	185	30	3	1	28	107	1
17	....	674	320	....	4,006	1,219	117	15	......	89	......	21
1	....	44	4	130	91	154	14	1	1	16	45	3
2	....	....	....	....	....	....	....	......	......	......	......	......
3	108	102	60	306	334	108	11	......	......	13	23	3
4	20	31	....	50	....	48	Rema	inder	not	given		
5	88	61	....	647	208	79	3	......	......	4	57	1
6	122	66	35	744	368	154	11	3	......	8	25	......
7	147	173	25	264	156	74	18	2	1	21	19	2
8	88	67	16	62	34	52	10	1	1	5	33	6
9	99	88	49	289	280	172	28	5	2	29	16	1
1	....	79	43	231	72	54	9	1	......	1	15	1
2*	....	....	....	....	....	....	....	......	......	......	......	......
3	13	90	33	103	54	93	13	4	......	13	23	......
4	93	74	39	600	....	47	....	2	......	2	......	......
5	28	39	25	....	....	48	2	......	......	2	......	......
6	....	14	10	6	6	19	....	......	......	......	......	......
7	46	22	13	80	57	39	11	3	1	6	6	2
8	41	22	19	90	76	62	5	......	......	10	5	......
9	....	4	....	108	15	21	....	1	......	5	11	......
10*	....	....	....	....	....	....	....	......	......	......	......	......
11*	....	....	....	....	....	....	....	......	......	......	......	......
12	....	4	4	90	75	26	....	1	......	2	6	......
1	....	66	19	140	86	178	32	10	2	28	77	......
2	104	77	22	145	162	129	16	2	1	26	42	......
3	....	138	53	162	84	179	16	3	3	20	93	......
4	101	117	64	198	182	136	34	2	......	51	38	......
5	137	366	71	128	130	139	28	......	......	56	......	11
6	23	69	59	293	440	138	3	2	1	......	12	......
7	56	174	50	404	296	88	10	2	......	9	32	......
8	123	82	30	223	215	111	12	......	1	12	47	2
9	56	35	29	157	67	59	8	3	......	10	24	......
10	5	258	135	570	344	277	22	2	......	21	79	......
11	109	225	98	431	156	313	93	8	6	100	148	15
1	....	1,133	....	501	....	Re	mainder	not	given.			
	2,113	8,020	2,359	15,669	18,281	8,971	1,114	154	46	1,069	1,739	196

TABLE 8—REPORT OF THE HEALTH SERVICES IN

(D) Municipalities in which School Nursing Service is paid for by School Boards and given by V.O.N.		No. of school children enrolled	Personnel				No. of children entering Grade I
			Reg. Nurse	M.D.	D.D.S.	D.A.	
Private Agencies and Red Cross							
Municipality	School						
1 Braeside	Pub.	98	½				7
2 Cobalt	Pub. and Sep.	334	½		‡		32
3 Eastview	Pub.	182	¼				43
4 Huntsville	Pub.	511	½		‡		43
5 London Twp. (S.S. 28)	Pub.	92	¼				19
6 Napanee	Pub.	486	½		‡		56
7 Nelson Twp.	Pub.	212	¼				27
8 New Liskeard	Pub. and Sep.	579	½				78
9 Point Edward	Pub.	190	¼				23
10 Preston	Pub. and Sep.	650	½				89
11 Walkerton	Pub., Sep. and High	598	½				57
12 Westminster Twp. (S.S. 22)	Pub.	200	¼				18
13 Whitby	Pub. and Sep.	511	½		‡		62
Private Agency sponsoring Nursing Service							
1 Hespeler	Pub. and Sep.	476	½				35
2 Scarboro Twp.—St. Therese	Sep.	75	¼				6
3 —St. Dunstan	Sep.	176	½				26
4 Schumacher	Pub.	701	1	⅛	1 p.t.		70
5 South Porcupine	Pub.	805	1	⅛	1 p.t.		101
6 Creighton, Levack and Copper Cliff	Pub.	1,359	½				181
7 Leaside, St. Anslem	Sep.	102	¼				23
School Nursing Service given by Red Cross from Outposts							
1*Apsley	Pub.		¼				
2*Armstrong	Pub.		¼				
3 Atikokan	Pub.	151	¼				
4 Callander (This report covers part of year only)	Pub. and Sep.	1,222	¾				116
5*Coe Hill	Pub.		¼				
6*Haliburton	Pub.		¼				
7 Hornepayne	Pub.	200	¼		‡		15
8*Kakabeka Falls	Pub. and Sep.		¼				
9*Lion's Head	Pub.		¼				
10 Manitoulin Island	Pub. and Sep.	1,518	¾				207
11*Nakina	Pub.		¼		p.t.		
12 Port Loring	Pub.	249	¼				38
13*Quibell	Pub.						
14 Redditt	Pub.	105	¼				7
15*St. Joseph's Island	Pub.		¼				
16 Whitney	Pub. and Sep.	386	¼				60
17 Wilberforce	Pub.	258	¼				30
18 Toronto Twp. and Port Credit	Pub.	677	½		‡		80
(D) Totals		13,103					1,549
Grand Totals		356,072					33,483

*Report not received.
‡In D.D.S. column means some dental work done by service clubs or other private agencies.

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	No. of these who had physical examination before entering	No. of defects (other than dental) requiring correction found, 1940	No. of these defects, corrected, 1940	No. of children with dental defects found, 1940	No. of children with dental defects corrected, 1940	No. of Grade VIII children completing course, 1940	No. of these leaving with uncorrected defects	Vision	Hearing	Tonsils and defective nasal breathing	Dental	Other
1	......	......	......	75	15	5	3	2	......	1	......	......
2	3	15	10	34	27	34	2	1	......	1	10	......
3	......	37	3	135	4	18	12	3	......	12	18	......
4	13	20	11	63	71	38	9	......	......	10	19	......
5	9	4	1	21	3	7	3	......	......	3	1	......
6	22	44	16	58	43	59	16	3	1	16	15	1
7	15	25	7	40	29	12	4	2	1	1	7	......
8	......	41	6	48	40	55	4	2	......	3	10	......
9	......	6	3	22	26	19	6	......	......	6	11	......
10	68	81	23	35	15	63	4	......	......	8	14	......
11	51	54	13	460	256	42	......	4	......	4	10	3
12	......	5	2	22	6	17	......	1	......	3	7	......
13	40	23	17	165	122	67	3	1	......	2	6	......
1	30	84	75	82	......	31	4	1	......	3	3	......
2	......	13	1	35	22	5	......	......	......	......	3	......
3	20	33	33	110	38	22	3	......	......	4	1	......
4	......	45	24	346	134	63	16	16	......	17	......	2
5	......	57	54	325	287	75	......	......	......	......	......	......
6	......	188	111	460	173	150	32	4	......	17	20	2
7	......	8	2	3	3	8	Remainder not given.					
1*	......	......	......	......	......	......	......	......	......	......	......	......
2*	......	......	......	......	......	......	......	......	......	......	......	......
3	......	98	......	118	Remainder not given.							
4	6	161	16	500	18	120	42	4	2	42	25	6
5*	......	......	......	......	......	......	......	......	......	......	......	......
6*	......	......	......	......	......	......	......	......	......	......	......	......
7	......	5	6	6	6	30	3	......	......	3	4	......
8*	......	......	......	......	......	......	......	......	......	......	......	......
9*	......	......	......	......	......	......	......	......	......	......	......	......
10	......	......	......	......	......	......	......	......	......	......	......	......
11*	......	......	......	......	......	......	......	......	......	......	......	......
12	......	12	......	109	19	12	7	2	......	5	......	......
13	......	......	......	......	......	......	......	......	......	......	......	......
14	......	16	1	56	36	7	3	......	......	6	4	......
15*	......	......	......	......	......	......	......	......	......	......	......	......
16	......	86	......	98	20	50	......	......	......	......	......	......
17	24	14	......	70	6	......	......	......	......	......	......	......
18	......	16	9	51	20	67	15	1	......	3	13	......
	301	1,191	444	3,547	1,439	1,076	191	47	4	170	201	14
	10,790	31,636	6,825	87,870	70,327	28,797	5,104	619	167	4,126	4,234	1,985

THE PUBLIC SCHOOLS

TABLE 9—AGE-GRADE DISTRIBUTION, MAY, 1940

(A) ALL SCHOOLS

		Under 5 yrs.	5 yrs.	6 yrs.	7 yrs.	8 yrs.	9 yrs.	10 yrs.	11 yrs.	12 yrs.	13 yrs.	14 yrs.	15 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs. and over	Totals	Totals by Grades	Per cent of Total Enrolment	Average Age		Average Increment of Age between Grades		
																					By Sex	Average		By Sex	Average
Kindergarten...	Boys	25	3914	3016	156	14	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7128	14126	3.2	6.0	6.0			
	Girls	33	3881	2960	115	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6998			6.0				
Kindergarten-Primary.....	Boys	1	1078	2341	699	137	29	8	8	2	1	.....	.....	.....	.....	.....	.....	4304	8325	1.9	6.5	6.5			
	Girls	9	1144	2197	568	77	18	3	2	3	.....	.....	.....	.....	.....	.....	.....	4021			6.4				
GRADE I.....	Boys	4	1008	11714	14120	4533	1021	324	136	76	34	12	5	4	1	.....	.....	32992	62040	14.1	7.5	7.4			
	Girls	10	1110	11555	12253	3136	671	187	70	35	8	8	5	.....	.....	.....	.....	29048			7.2				
GRADE II....	Boys	.....	2	389	8449	12984	5184	1602	514	224	104	35	13	3	2	.....	.....	29505	55752	12.6	8.6	8.5	Grade I to Grade II	1.1	1.1
	Girls	.....	7	456	9272	11653	3589	915	238	74	18	13	6	4	2	.....	.....	26247			8.4			1.2	
GRADE III...	Boys	.....	.....	7	470	6877	10826	5065	1761	717	256	98	31	7	2	1	1	26119	50237	11.4	9.7	9.6	Grade II to Grade III	1.1	1.1
	Girls	.....	1	10	655	7908	10311	3676	980	362	138	50	20	6	.....	1	.....	24118			9.4			1.0	
GRADE IV...	Boys	.....	.....	.....	30	1207	7042	9199	4666	1989	712	255	69	17	4	.....	.....	25190	48662	11.0	10.6	10.5	Grade III to Grade IV	.9	.9
	Girls	.....	.....	.....	49	1740	8032	8650	3343	1094	397	123	36	6	2	.....	.....	23472			10.3			.9	
GRADE V....	Boys	.....	.....	.....	.....	44	1904	6984	7510	4287	1932	727	220	47	10	3	.....	23668	46319	10.5	11.5	11.4	Grade IV to Grade V	.9	.9
	Girls	.....	.....	.....	.....	66	2655	8211	6964	3172	1086	367	92	25	11	2	.....	22651			11.2			.9	
GRADE VI...	Boys	.....	.....	.....	.....	4	94	2507	7121	6147	3560	1633	489	76	11	5	.....	21647	43817	9.9	12.3	12.2	Grade V to Grade VI	.8	.8
	Girls	.....	.....	.....	.....	2	164	3527	8261	5807	2976	1061	297	66	6	3	.....	22170			12.1			.9	
GRADE VII..	Boys	.....	.....	.....	.....	.....	4	147	3472	8450	7177	4226	1810	325	33	5	1	25650	51451	11.7	13.2	13.1	Grade VI to Grade VII	.9	.9
	Girls	.....	.....	.....	.....	.....	1	215	4507	9894	6420	3343	1202	189	26	3	1	25801			13.0			.9	
GRADE VIII..	Boys	.....	.....	.....	.....	.....	.....	6	159	3256	7815	6790	4300	1257	188	17	4	23792	50323	11.4	14.2	14.0	Grade VII to Grade VIII	1.0	.9
	Girls	.....	.....	.....	.....	.....	1	6	317	4552	10898	6541	3227	864	115	9	1	26531			13.9			.9	
GRADE IX...	Boys	.....	.....	.....	.....	.....	.....	.....	3	49	350	603	473	166	43	14	2	1703	4351	1.0	14.8	14.9	Grade VIII to Grade IX	.6	.9
	Girls	.....	.....	.....	.....	.....	.....	.....	4	79	519	911	733	301	80	18	3	2648			14.9			1.0	
GRADE X....	Boys	.....	.....	.....	.....	.....	.....	.....	1	10	39	100	229	166	72	20	4	641	1835	.4	15.8	15.9	Grade IX to Grade X	1.0	1.0
	Girls	.....	.....	.....	.....	.....	.....	.....	3	10	43	225	383	331	137	48	14	1194			15.9			1.0	
JR AUXILIARY CLASSES.....	Boys	.....	.....	9	32	104	228	299	351	379	397	395	336	119	26	8	.....	2686	3905	.9	12.7	12.6	....	.....	.....
	Girls	.....	1	3	15	48	98	160	183	208	178	151	94	58	16	3	3	1219			12.5		....	.....	.....
TOTALS BY SEXES....	Boys	30	6002	17476	23956	25904	26335	26141	25705	25586	22377	14874	7975	2187	392	73	12	225025	......	......	......	......	Average.....	.9	.9
	Girls	52	6144	17181	22927	24638	25541	25550	24872	25290	22681	12793	6095	1850	395	87	22	216118	......	......	......	......		.9	
GRAND TOTALS.	.....	82	12146	34657	46883	50542	51876	51691	50577	50876	45058	27667	14070	4037	787	160	34	441143							

Heavy lines denote ideal age spread for each grade.

(B) URBAN SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades
Kindergarten	Boys	8	3,867	2,996	154	13	3	......	......	......	......	......	......	......	......	......	......	7,041	13,979
	Girls	33	3,856	2,928	112	8	1	......	......	......	......	......	......	......	......	......	......	6,938	
Kindergarten-Primary	Boys	1	734	1,552	388	54	5	1	......	1	......	......	......	......	......	......	......	2,736	5,300
	Girls	4	793	1,472	266	25	3	......	1	......	......	......	......	......	......	......	......	2,564	
GRADE I	Boys	1	159	6,061	7,903	1,997	394	98	29	13	7	1	2	1	......	......	......	16,666	31,744
	Girls	......	196	6,135	6,972	1,443	234	62	19	9	3	3	2	......	......	......	......	15,078	
GRADE II	Boys	......	1	145	4,977	7,480	2,750	769	196	66	24	14	......	......	......	......	......	16,422	31,362
	Girls	......	1	138	5,479	6,908	1,843	455	78	26	4	4	1	2	1	......	......	14,940	
GRADE III	Boys	......	......	......	171	4,048	6,265	2,858	900	325	87	32	17	2	......	......	......	14,705	28,468
	Girls	......	......	......	232	4,687	6,140	1,955	503	166	45	22	10	3	......	......	......	13,763	
GRADE IV	Boys	......	......	......	6	671	4,135	5,202	2,507	1022	300	104	37	12	1	......	......	13,997	27,512
	Girls	......	......	......	12	966	4,796	5,027	1,881	580	180	48	21	3	1	......	......	13,515	
GRADE V	Boys	......	......	......	......	15	1,159	4,186	4,287	2,372	1,028	371	123	18	4	2	......	13,565	26,840
	Girls	......	......	......	......	24	1,671	4,980	4,020	1,712	614	191	44	12	5	2	......	13,275	
GRADE VI	Boys	......	......	......	......	......	28	1,547	4,271	3,375	1,846	872	263	40	6	4	......	12,252	25,504
	Girls	......	......	......	......	......	55	2,135	4,974	3,486	1,678	669	204	47	4	......	......	13,252	
GRADE VII	Boys	......	......	......	......	......	1	51	2,083	4,905	4,127	2,616	1,206	231	24	1	......	15,245	30,687
	Girls	......	......	......	......	......	......	72	2,637	5,930	3,786	2,040	828	131	16	1	1	15,442	
GRADE VIII	Boys	......	......	......	......	......	......	......	55	1,914	4,511	3,958	2,731	803	134	13	2	14,121	30,678
	Girls	......	......	......	......	......	......	2	107	2,639	7,178	3,894	2,105	561	66	5	......	16,557	
GRADE IX	Boys	......	......	......	......	......	......	......	2	18	133	287	239	100	24	10	2	815	2,208
	Girls	......	......	......	......	......	......	......	1	28	203	438	447	201	59	14	2	1,393	
GRADE X	Boys	......	......	......	......	......	......	......	......	3	7	24	83	63	27	13	4	224	851
	Girls	......	......	......	......	......	......	......	......	5	17	75	184	194	102	38	12	627	
JR. AUXILIARY CLASSES	Boys	......	......	9	27	87	185	258	303	343	353	357	319	113	25	8	......	2,387	3,440
	Girls	......	1	3	12	42	77	143	161	180	156	130	81	49	14	1	3	1,053	
TOTALS BY SEXES	Boys	10	4,761	10,763	13,626	14,365	14,925	14,970	14,633	14,357	12,423	8,636	5,020	1,383	245	51	8	130,176	....
	Girls	37	4,847	10,676	13,085	14,103	14,820	14,831	14,382	14,761	13,864	7,514	3,927	1,203	268	61	18	128,397	....
GRAND TOTALS	....	47	9,608	21,439	26,711	28,468	29,745	29,801	29,015	29,118	26,287	16,150	8,947	2,586	513	112	20	258,573	....

(C) RURAL SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades
Kindergarten	Boys	17	47	20	2	1	......	......	......	......	......	......	......	......	......	......	......	87	147
	Girls	......	25	32	3	......	......	......	......	......	......	......	......	......	......	......	......	60	
Kindergarten-Primary	Boys	......	344	789	311	83	24	7	8	1	1	......	......	......	......	......	......	1568	3,025
	Girls	5	351	725	302	52	15	3	1	3		......	......	......	......	......	......	1457	
GRADE I	Boys	3	849	5,653	6,217	2,536	627	226	107	63	27	11	3	3	1	......	......	16,326	30,296
	Girls	10	914	5.420	5,281	1,693	437	125	51	26	5	5	3	......	......	......	......	13,970	
GRADE II	Boys	......	1	244	3,472	5,504	2,434	833	318	158	80	21	13	3	2	......	......	13,083	24,390
	Girls	......	6	318	3,793	4,745	1,746	460	160	48	14	9	5	2	1	......	......	11,307	
GRADE III	Boys	......	......	7	299	2,829	4,561	2,207	861	392	169	66	14	5	2	1	1	11,414	21,769
	Girls	......	1	10	423	3,221	4,171	1,721	477	196	93	28	10	3	......	1	......	10,355	
GRADE IV	Boys	......	......	......	24	536	2,907	3,997	2,159	967	412	151	32	5	3	......	......	11,193	21,150
	Girls	......	......	......	37	774	3,236	3.623	1,462	514	217	75	15	3	1	......	......	9,957	
GRADE V	Boys	......	......	......	......	29	74.	2 798	3,223	1,915	904	356	97	29	6	1	......	10.103	19,479
	Girls	......	......	......	......	42	984	3,231	2,944	1,460	472	176	48	13	6	......	......	9,376	
GRADE VI	Boys	......	......	......	......	4	66	960	2,850	2,772	1,714	761	226	36	5	1	......	9,395	18,313
	Girls	......	......	......	......	2	109	1,392	3,287	2,321	1,298	392	93	19	2	3	......	8,918	
GRADE VII	Boys	......	......	......	......	......	3	96	1,389	3,545	3.050	1,610	604	94	9	4	1	10,405	20,764
	Girls	......	......	......	......	......	1	143	1,870	3,964	2,634	1,303	374	58	10	2	......	10,359	
GRADE VIII	Boys	......	......	......	......	......	......	6	104	1,342	3,304	2,832	1,569	454	54	4	2	9,671	19,645
	Girls	......	......	......	......	......	1	4	210	1,913	3,720	2,647	1,122	303	49	4	1	9,974	
GRADE IX	Boys	......	......	......	......	......	......	......	1	31	217	316	234	66	19	4	......	888	2,143
	Girls	......	......	......	......	......	......	......	3	51	316	473	286	100	21	4	1	1,255	
GRADE X	Boys	......	......	......	......	......	......	......	1	7	32	76	146	103	45	7	......	417	984
	Girls	......	......	......	......	......	......	......	3	5	26	150	199	137	35	10	2	567	
JR. AUXILIARY CLASSES	Boys	......	......	......	5	17	43	41	51	36	44	38	17	6	1	......	......	299	465
	Girls	......	......	......	3	6	21	17	22	28	22	21	13	9	2	2	......	166	
TOTALS BY SEXES	Boys	20	1,241	6,713	10,330	11,539	11,410	11,171	11,072	11,229	9,954	6,238	2,955	804	147	22	4	94,849	....
	Girls	15	1,297	6.505	9,842	10,535	10,721	10,719	10,490	10,529	8,817	5,279	2,168	647	127	26	4	87,721	....
GRAND TOTALS	....	35	2,538	13,218	20,172	22.074	22,131	21,890	21,562	21,758	18,771	11,517	5,123	1,451	274	48	8	182,570	....

TABLE 10—RELIGIOUS INSTRUCTION IN THE PUBLIC ELEMENTARY, AND ALL SECONDARY SCHOOLS (as reported in June 1941)

A.—Public Schools of the Cities

City	Number of schools reporting	Opened with prayer	Closed with prayer	Scriptures read daily	Scriptures memorized	Religious Instruction by clergyman
Belleville	4	4	4	4	4	3
Brantford	11	11	11	11	11	10
Chatham	3	3	3	3	3	3
Fort William	8	8	6	8	8	....
Galt	4	4	4	4	4	....
Guelph	9	9	9	9	9	....
Hamilton	32	32	32	32	32	5
Kingston	8	8	....	8	8	....
Kitchener	7	7	7	7	7	....
London	19	19	19	19	19	19
Niagara Falls	6	6	5	6	5	6
North Bay	5	5	3	5	3	5
Oshawa	8	8	3	8	8	8
Ottawa	19	19	19	19	17	....
Owen Sound	5	5	5	5	5	5
Peterborough	6	6	....	6	6	6
Port Arthur	9	9	9	9	9	....
St. Catharines	12	12	12	12	12	....
St. Thomas	7	7	7	7	7	6
Sarnia	8	8	5	8	8	8
Sault Ste. Marie	10	10	9	10	6	....
Stratford	7	7	7	7	7	....
Sudbury	6	6	6	6	....	....
Toronto	88	88	63	88	87	....
Welland	6	6	3	5	4	....
Windsor	19	19	17	19	19	....
Woodstock	5	5	5	5	5	5
Totals—Cities	331	331	273	330	313	89

B.—Public Schools of the Counties

County	Rural						Urban					
	Number of schools reporting	Opened with prayer	Closed with prayer	Scriptures read daily	Scriptures memorized	Religious Instruction by clergyman	Number of schools reporting	Opened with prayer	Closed with prayer	Scriptures read daily	Scriptures memorized	Religious Instruction by clergyman
Addington	24	24	19	22	12	1	......	......	......	......	......	......
Brant	60	60	60	60	30	......	2	2	2	2	2	1
Bruce	160	160	135	158	125	17	16	14	14	15	11	4
Carleton	109	107	105	100	40	2	6	6	6	6	......	......
Dufferin	83	83	76	81	51	5	3	3	3	3	2	2
Dundas	68	68	53	65	32	3	4	3	3	4	2	......
Durham	93	93	61	91	54	......	7	4	1	4	2	2
Elgin	104	104	104	104	104	1	7	7	7	7	7	2
Essex	110	110	103	102	72	5	16	16	14	15	12	3
Frcntenac	130	130	89	125	68	5	2	1	1	1	1	......
Glengarry	69	69	56	46	15	3	3	3	3	3	......	......
Grenville	65	65	53	64	23	3	4	4	3	4	3	3
Grey	215	214	192	214	176	44	11	10	5	10	6	3
Haldimand	72	71	66	67	50	1	5	5	4	5	2	1
Haliburton	47	47	37	47	37	7	......	......	......	......	......	......
Halton	61	61	57	60	38	7	8	8	8	8	6	4
Hastings	178	178	138	162	85	8	10	10	10	10	3	3
Huron	177	177	173	177	174	15	9	9	9	9	9	5
Kent	139	138	139	139	91	32	10	10	10	10	6	2
Lambton	170	170	164	170	119	7	14	12	10	12	11	3
Lanark	112	112	88	104	65	1	11	11	10	11	10	2
Leeds	135	133	96	123	55	6	9	9	2	9	7	5
Lennox	82	82	68	81	45	2	2	2	1	2	......	......
Lincoln	64	64	56	64	48	1	8	5	1	5	2	1
Middlesex	181	181	174	180	35	21	8	8	7	8	6	3
Norfolk	101	101	84	101	62	7	6	6	4	6	3	4
Northumberland	104	103	59	103	63	5	7	7	4	7	4	3
Ontario	119	119	93	114	63	11	8	8	6	8	4	2
Oxford	106	106	106	105	83	6	6	6	6	6	2	2
Peel	76	75	66	75	47	6	8	8	7	8	6	......
Perth	110	110	85	107	77	......	4	4	4	4	4	2
Peterborough	94	94	70	83	48	8	5	3	2	3	2	......
Prescott	47	46	42	20	4	7	4	4	2	3	1	1
Prince Edward	70	70	45	68	31	4	4	3	1	3	1	......
Renfrew	161	161	158	137	65	23	11	10	8	10	8	......
Russell	25	25	20	22	4	2	1	1	......	1	1	......
Simcoe	213	213	186	204	109	16	27	27	25	27	23	3
Stormont	76	75	58	72	15	......	1	1	1	1	......	......
Victoria	98	97	66	90	42	3	8	5	4	5	2	......
Waterloo	84	84	74	82	66	2	8	8	4	8	7	......
Welland	79	79	72	79	46	1	18	18	17	18	6	3
Wellington	140	139	133	136	82	10	9	9	8	9	9	3
Wentworth	71	71	57	71	50	10	5	5	4	5	5	1
York	148	144	129	144	95	27	63	59	44	59	39	20
Totals, Counties	4,630	4,613	3,965	4,419	2,796	350	378	354	285	354	237	93

TABLE 10—RELIGIOUS INSTRUCTION IN THE PUBLIC ELEMENTARY, AND ALL SECONDARY SCHOOLS (as reported in June 1941)

C.—Public Schools of the Districts

District	Rural						Urban					
	Number of schools reporting	Opened with prayer	Closed with prayer	Scriptures read daily	Scriptures memorized	Religious Instruction by clergyman	Number of schools reporting	Opened with prayer	Closed with prayer	Scriptures read daily	Scriptures memorized	Religious Instruction by clergyman
Algoma	89	89	77	89	38	1	5	5	5	5	......	......
Cochrane	72	70	64	69	25	8	13	13	13	13	5	1
Kenora	37	37	32	36	16	1	7	7	5	7	6	1
Manitoulin	42	42	34	42	20	3	2	2	2	2	1	......
Muskoka	90	87	74	85	45	22	9	7	6	7	5	1
Nipissing	73	53	48	48	15	1	4	4	4	4	1	1
Parry Sound	115	115	99	112	44	3	9	9	8	8	2	......
Patricia	3	3	2	3	......	......	......	......	......	......	......	......
Rainy River	60	60	35	60	26	4	3	3	......	3	3	......
Sudbury	104	102	91	74	20	16	9	9	6	9	......	......
Timiskaming	78	77	74	77	20	4	9	8	8	8	3	......
Thunder Bay	106	105	93	105	62	7	2	2	2	2	......	......
Totals, Districts	869	840	723	800	331	70	72	69	59	68	26	4
All Public, exclusive of Cities	5,499	5,453	4,688	5,219	3,127	420	450	423	344	422	263	97
All Public Schools	5,499	5,453	4,688	5,219	3,127	420	781	750	617	752	576	186

D.—Summary of All Schools

	Public Elementary				Secondary				Total of All
	City	Other Urban	Rural	Total	Continuation	High and Collegiate	Vocational (a)	Total	
1. Number of schools reporting	331	450	5,499	6,278	203	230	19	452	6,732
2. Number opened with prayer	331	423	5,453	6,205	199	229	18	446	6,653
3. Number closed with prayer	273	344	4,688	5,304	27	15	1	43	5,348
4. Number in which Scriptures read daily	330	422	5,219	5,969	171	167	17	355	6,326
5. Number in which Scriptures are memorized	313	263	3,127	3,703	15	(b)	(b)	15	3,718
6. Number in which religious instruction given by a clergyman	89	97	420	606	10	11	1	22	628

(a) Pure Vocational schools only, Composite schools are included under High and Collegiate.
(b) This question not asked of these schools.

TABLE 11—EIGHT MEASURABLE EFFICIENCY TESTS APPLIED TO SCHOOLS IN CITIES, LARGE TOWNS, AND CERTAIN SUBURBAN AREAS, 1940-41

	1	2	3	4	5	6	7	8
Cities	May Enrolment per Classroom	Percentage of May Enrolment in Grades III and IV	Attendance Efficiency Percentage	Average Span of Years for Grades I-VIII	Percentage of May Enrolment, Grades I-VIII securing H.S. Ent. Stand.	Percentage of Teachers holding a First Class Certificate	Percentage of Teachers holding a University Degree	Current Cost of Education per Pupil-Day
Belleville	36	23.8	91.1	6.7	11.4	79.1	4.2	26.9
Brantford	36	21.0	94.6	6.5	10.3	48.1	7.7	30.7
Chatham	37	21.8	93.9	6.8	10.3	35.6	5.0	32.4
Fort William	36	24.0	92.3	6.6	13.6	55.9	6.5	37.1
Galt	36	20.3	95.3	6.7	11.8	21.3	2.1	26.7
Guelph	40	17.4	92.2	6.5	14.8	64.5	1.6	23.2
Hamilton	38	24.6	92.8	6.8	9.1	62.6	15.3	32.1
Kingston	40	22.4	89.6	6.8	13.2	47.9	9.1	28.6
Kitchener	39	18.0	94.5	6.4	8.7	41.2	5.3	32.5
London	39	17.5	93.3	7.1	9.7	60.9	14.2	37.9
Niagara Falls	35	22.9	93.8	7.1	13.0	51.5	....	30.4
North Bay	31	25.9	93.7	6.5	11.7	83.7	2.3	34.6
Oshawa	37	28.1	93.5	6.9	13.8	46.0	10.3	25.6
Ottawa	38	13.1	92.2	6.8	12.2	58.4	28.7	49.9
Owen Sound	36	13.0	91.1	7.2	8.7	52.7	5.4	26.2
Peterborough	36	24.0	92.8	7.0	8.2	50.6	5.2	38.4
Port Arthur	37	26.8	93.6	6.5	11.9	78.4	12.1	34.7
St. Catharines	38	23.4	93.0	6.7	9.2	47.3	4.4	34.4
St. Thomas	32	23.9	90.2	7.1	11.1	69.8	5.6	29.8
Sarnia	35	23.4	94.2	6.8	11.3	57.8	7.8	34.7
Sault Ste. Marie	38	26.6	93.6	6.6	9.8	32.9	2.5	29.6
Stratford	33	23.8	92.9	6.5	10.8	49.1	....	30.7
Sudbury	35	27.2	93.0	6.7	12.0	72.4	5.2	26.2
Toronto	42	21.6	91.4	6.9	10.2	52.5	13.7	43.0
Welland	32	25.3	93.5	6.8	10.3	54.8	....	33.7
Windsor	36	22.3	93.4	7.1	10.7	47.7	12.8	38.8
Woodstock	38	23.2	92.0	6.5	10.0	43.8	....	25.2
Averages	39	21.8	92.3	7.2	10.5	54.2	12.2	38.1
Towns								
Barrie	37	24.8	91.4	6.9	12.1	44.4	3.7	25.7
Brockville	35	25.3	88.8	7.0	8.9	48.5	3.0	26.9
Cornwall	38	19.7	93.4	6.8	10.6	50.0	4.5	24.5
Kenora	37	18.0	90.3	6.8	5.5	72.4	3.4	22.6
Kirkland Lake	35	26.8	95.6	7.1	10.1	78.5	6.1	33.7
Lindsay	34	28.5	90.7	6.4	10.8	70.4	....	24.1
Midland	31	24.2	92.4	6.8	10.5	45.4	....	26.8
Mimico	37	40.8	93.6	7.3	10.4	43.3	6.6	32.1
New Toronto	40	37.9	94.1	7.2	9.4	58.1	9.7	29.4
Orillia	41	18.8	92.8	6.9	8.2	43.7	....	23.1
Pembroke	36	13.4	93.1	6.7	8.6	40.0	....	23.6
Port Colborne	39	16.9	92.9	6.5	10.3	41.2	....	23.5
Preston	35	24.6	94.3	6.6	13.2	50.0	....	27.2
Smith's Falls	34	25.3	92.0	7.1	12.6	53.8	....	25.1
Timmins	39	23.2	92.8	6.9	14.0	70.2	....	29.5
Trenton	40	23.3	91.3	6.4	9.4	80.0	4.0	15.0
Waterloo	35	13.8	95.8	6.3	11.3	40.0	12.0	32.7
Averages	37	22.4	92.9	6.8	9.5	57.2	3.2	26.9
Suburban Areas								
York Twp.	39	20.1	93.3	6.6	10.9	65.6	6.6	31.1
York East Twp.	37	26.0	92.9	6.8	10.4	65.5	3.4	28.6
Grand Averages	39	21.8	92.4	6.8	10.4	55.3	10.9	36.4

TABLE 12—PROMOTION AND RETARDATION IN CITIES, LARGE TOWNS AND CERTAIN SUBURBAN AREAS, FOR THE SCHOOL YEAR 1940-41—NEAREST WHOLE PERCENTAGE

Cities	Kindergarten		Kindergarten-Primary		Grade I		Grade II		Grade III		Grade IV		Grade V		Grade VI		Grade VII		Grade VIII		Average	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Belleville					84	80	95	95	89	89	86	87	89	89	84	86	83	83	86	86	87	87
Brantford			96	96	87	87	89	89	86	86	90	90	90	90	91	90	91	91	82	80	89	88
Chatham	97	97	97	97	77	76	75	73	96	96	92	92	91	91	89	88	84	85	84	83	88	87
Fort William	100	100	96	96	84	83	91	91	90	89	90	90	92	92	91	92	92	92	94	94	91	92
Galt			82	83	83	81	89	86	90	90	95	94	86	85	92	92	91	89	96	97	89	88
Guelph			99	99	89	91	93	93	73	70	93	92	91	91	91	90	90	91	90	90	91	91
Hamilton	93	93			82	81	83	82	86	85	84	83	84	84	85	84	83	82	84	83	85	84
Kingston			97	97	83	80	88	87	89	89	89	89	90	90	89	89	92	92	91	91	88	89
Kitchener	88	87	91	91	85	86	92	92	89	88	94	93	91	90	87	87	83	82	88	87	88	88
London	98	98	80	78	87	86	88	87	92	92	92	92	88	88	86	86	87	87	86	86	89	89
Niagara Falls					86	85	91	91	89	89	88	88	85	85	88	88	86	85	86	90	87	88
North Bay	100	100			79	84	85	86	90	89	90	90	87	86	92	92	89	87	97	97	89	90
Oshawa	100	100			85	85	90	89	91	90	90	90	92	92	90	91	89	87	88	86	90	89
Ottawa			80	78	83	81	88	86	100	100	100	100	83	86	90	89	90	89	90	90	89	88
Owen Sound	100	100			83	82	89	89	90	91	94	94	90	90	92	92	90	91	81	80	90	90
Peterborough			100	100	84	82	80	77	88	86	87	86	91	90	92	92	86	86	87	87	88	88
Port Arthur			89	90	85	82	88	87	90	90	87	87	94	94	91	91	85	84	85	84	88	87
St. Catharines			96	96	82	81	86	86	83	82	89	89	83	83	85	85	84	83	87	87	86	86
St. Thomas					82	81	91	89	91	90	91	91	92	91	90	90	88	88	92	92	90	89
Sarnia					81	80	93	92	93	93	94	94	90	89	89	88	84	82	87	86	89	88
Sault Ste. Marie			100	100	83	82	89	89	90	89	91	91	90	90	90	90	83	82	84	84	89	89
Stratford	98	98			93	93	97	96	96	96	93	92	95	94	93	92	87	87	86	86	93	93
Sudbury					91	91	93	92	93	93	96	96	97	96	98	98	96	95	95	95	94	94
Toronto	83	81			83	82	91	90	91	91	91	90	89	89	88	87	83	83	80	79	86	86
Welland	100	100	96	96	80	78	87	87	94	93	95	94	89	88	95	94	88	91	86	86	90	90
Windsor			79	78	83	83	90	90	85	84	93	93	91	91	93	93	88	88	87	87	88	88
Woodstock	96	96			92	93	91	91	96	96	92	92	96	96	96	97	91	92	94	94	94	94
Averages	87	92	89	89	83	84	89	89	90	89	90	90	89	89	89	88	85	85	84	84	88	87
Towns																						
Barrie	100	100	93	93	90	89	93	94	94	95	97	97	93	93	97	97	91	91	87	86	93	93
Brockville					69	63	76	76	79	80	90	89	88	91	90	90	94	93	80	80	83	83
Cornwall			84	80	74	73	88	88	89	90	85	85	90	90	98	98	94	95	93	94	89	90
Kenora					77	74	86	87	97	97	91	90	83	79	88	85	87	85	82	79	85	84
Kirkland Lake					86	86	96	97	97	97	97	98	94	94	96	96	93	93	95	95	94	94
Lindsay					81	82	87	85	93	92	89	89	93	92	80	80	85	85	79	77	85	76
Midland					80	79	87	87	81	79	82	81	83	81	78	77	80	78	87	86	82	81
Mimico					90	90	95	94	91	91	89	89	82	82	92	92	95	95	93	92	91	91
New Toronto					87	87	91	90	90	89	91	91	92	92	87	86	84	83	85	85	88	88
Orillia					79	76	90	89	90	91	94	94	87	86	90	91	78	76	87	88	87	87
Pembroke	86	86			76	76	84	81	98	97	96	95	88	85	97	98	92	92	72	71	87	87
Port Colborne			90	89	88	90	89	87	97	97	91	91	80	77	76	75	86	85	88	86	86	86
Preston			91	90	96	96	86	86	87	86	95	95	94	93	88	89	92	91	95	94	92	91
Smith's Falls			81	80	95	94	83	82	94	93	86	85	97	97	92	91	93	92	98	98	92	91
Timmins			96	97	80	78	88	89	93	94	93	94	95	95	92	92	90	88	89	89	91	91
Trenton					67	66	83	91	89	89	82	82	80	82	79	77	90	93	85	84	81	81
Waterloo			100	100	84	84	93	93	97	97	100	100	95	96	89	88	89	88	99	99	93	93
Averages	92	92	92	92	82	83	88	88	92	92	92	92	89	89	89	89	89	89	88	88	88	89
Suburban Schools																						
York Twp.			98	97	91	91	93	93	95	95	96	96	94	94	93	93	91	91	84	83	93	93
York East Twp.					89	88	94	94	96	96	96	96	94	94	94	93	91	90	88	88	92	92
Averages, All	87	86	90	90	83	84	89	89	91	90	91	90	89	89	89	88	86	86	85	84	88	88

A—Percentage promoted in each grade.

B—Percentage in grade one year or less who were promoted in one year.

Cities	Less than regular time in Grade	Previous Promotion premature	Lack of ability in academic lines	Lack of application	Attendance		Ill-health		Physical Defects					Adverse home conditions	Foreign	Other minor causes
					Too frequent transfers	Irregular or interrupted for reasons other than ill-health	(a) affecting attendance	(b) not affecting attendance	Sight	Hearing	Speech	Deformity	Other causes			.
Belleville	2	5	56	19	3	6	3	1	1	1	.5	....	.5	1	....	1
Brantford	1	6	55	22	1.5	4	4	1	2	....	.5	....	1	1.5	.5	....
Chatham	33	6	29	17	2	2	5	2	.5	....	.5	....	.5	1	.5	1
Fort William	18	11	41.5	14	1	1	7	.5	....	.5	....	.5	....	2	1	2
Galt	2	18	43	14	1	3	7	3	.5	....	1	.5	2	4	1	....
Guelph	....	6	40	18.5	2	7	9	4	2	.5	2	....	....	5	2	2
Hamilton	3	11	46	18	1	6	7	1	1	....	1	....	.5	3	1	.5
Kingston	3	13	41	16	1	10	5	1	....	....	2	....	4	1	....	3
Kitchener	.5	8	49	17	2	4	7	1	.5	.5	1	.5	1	4	.5	3.5
London	3.5	8	46	20	2	5	8	1	.5	....	1.5	....	.5	3	.5	.5
Niagara Falls	1	13	47	21	2.5	2	6	1	.5	.5	1	....	....	4	.5	....
North Bay	1	5	68	2	2	9	6	....	1	1	3	....	....	2	....	....
Oshawa	.5	3	48	19	5	4	8	1	1	1	.5	....	....	5	4	....
Ottawa	14	11	40	15	1.5	4	9	....	1	....	....	....	1	2	....	1.5
Owen Sound	.5	8	47	16.5	5	4	11	1.5	.5	.5	.5	....	....	5	....	....
Peterborough	2	11	44	21	1	8	6	2	1	....	2	.5	.5	1	....	....
Port Arthur	....	5	63	14	.5	7	8	1	....	.5	....	....	....	1	....	....
St. Catharines	2	13	51	16	1.5	6	3	.5	....	....	....	....	....	1	3	3
St. Thomas	2	5	44	21	2	1	17	2	....	....	....	....	....	4	....	2
Sarnia	2	10	57	9	2	2	8	2	....	1	2	.5	....	3	....	1.5
Sault Ste. Marie	1	6	52	24	1	3	4	2	....	....	1	1	....	1	3	1
Stratford	1	12	56	10	....	6	7	1	1	....	1	1	1	2	....	1
Sudbury	2	9	55	16	2	2	4	1	1	....	....	....	....	1	7	....
Toronto	14	9	41	13	2	5	6	1	.5	.5	1	....	1	2	1	3
Welland	2	5	61	10	....	1	3	....	1	1	....	....	10	5	....	1
Windsor	27	9	35	12	1.5	4.5	5	1	.5	.5	.5	....	.5	2	1	....
Woodstock	....	8	68	8	1	1	8	....	....	....	1	....	1	3	....	1
Averages	10	9	44	15	2	5	6	1	.5	.3	.8	.1	.5	3	.8	2
Towns																
Barrie	7	3	41	26	3	7	3	4	....	....	....	1	1	5	....	....
Brockville	2	12	53	17	2	3	7	2	.5	.5	....	....	....	1	....	....
Cornwall	15	....	31	13	1	6	13	1	1	....	5	....	....	11	1	....
Kenora	4	11	40	21	2	4	5	2	.5	....	.5	.5	....	2	3.5	4
Kirkland Lake	1.5	5	60	14	4	2	6	1	....	....	....	....	....	3	2	1.5
Lindsay	....	8	48	14	5	3	10	....	....	....	2	2	2	4	....	2
Midland	3	3	52	13	3	12	4	2	1	1	....	....	1	5	....	....
Mimico	7	3	36	13	6	3	25	....	....	....	1	....	2	2	1	1
New Toronto	2	4	54	28	2	5	3	1	....	....	....	....	....	1	....	....
Orillia	3	10	39	17	4	9	9	1	2	....	....	....	....	6	....	....
Pembroke	16	5	30	24	5	6	3	1	2	....	....	....	1	1	....	6
Port Colborne	.5	15	49	20	4	5	2	.5	....	....	....	.5	.5	....	....	3
Preston	....	18	55	8	1	4	8	....	2	....	2	....	....	2	....	....
Smith's Falls	5	1	52	4	4	13	7	....	....	....	....	....	....	12	....	2
Timmins	14	5	43	15	.5	7	4	.5	....	....	1	....	....	4	6	....
Trenton	1	5	44	18	1.5	5	8	2	2	....	3	.5	6	4	....	....
Waterloo	3	....	42	24	17	....	5	....	....	....	1	....	....	8	....	....
Averages	5	8	45	17	3	6	6	2	.8	.1	.8	.3	1	3	1	1
Suburban																
York Twp.	1	9	43	24	2	5	6	1	.5	.5	1	1	.5	3	1.5	1
York East Twp.	1.5	7	46	20	3	3	7	3	2	....	2	....	1	4	.5	....
Averages, All	9	9	44	15	2	5	7	2	.3	.2	.5	.2	.3	3	.5	2

NOTE.—Less than Regular Time in Grade is divided among the grades as follows:
K. and K.P.—55%, Grade I—15%, Grade II—9%, Grade III—6%, Grade IV—7%, Grade V—3%, Grade VI—2%, Grade VII—1%, Grade VIII—2%.

TABLE 13—TEACHERS' SALARIES, 1940-41
Frequency Distribution

	Ordinary Rural	Towns and Villages under 1,500	Towns and Villages 1,500 and over	Large Suburban and Semi-urban	Cities	Total	Group Totals	Group Percentages
Over $3,750			1		3	4	71	.6
$3,651 - $3,750					59	59		
$3,551 - $3,650					8	8		
$3,451 - $3,550				1	7	8	67	.5
$3,351 - $3,450			1		15	16		
$3,251 - $3,350				2	12	14		
$3,151 - $3,250			1		12	13		
$3,051 - $3,150			2		14	16		
$2,951 - $3,050			1	3	39	43	419	2.9
$2,851 - $2,950		1	2		98	101		
$2,751 - $2,850			2	1	140	143		
$2,651 - $2,750			3	6	65	74		
$2,551 - $2,650			4	2	52	58		
$2,451 - $2,550			8	1	29	38	1,242	8.7
$2,351 - $2,450			7	6	61	74		
$2,251 - $2,350			9	10	111	130		
$2,151 - $2,250		1	10	5	791	807		
$2,051 - $2,150	1	2	12	7	171	193		
$1,951 - $2,050	2		14	9	108	123	1,245	8.7
$1,851 - $1,950	1	5	20	2	168	196		
$1,751 - $1,850	11	2	26	27	208	274		
$1,651 - $1,750	7	5	29	20	271	332		
$1,551 - $1,650	9	6	37	34	234	320		
$1,451 - $1,550	25	10	50	169	360	614	2,986	21.0
$1,351 - $1,450	17	17	57	92	315	498		
$1,251 - $1,350	37	13	70	97	282	499		
$1,151 - $1,250	84	21	110	102	340	657		
$1,051 - $1,150	100	30	268	90	230	718		
$951 - $1,050	345	57	320	145	225	1,092	8,191	57.6
$851 - $950	509	150	342	83	199	1,283		
$751 - $850	1,490	161	218	47	108	2,024		
$651 - $750	2,773	97	55	3	14	2,942		
$551 - $650	812	14	4		2	832		
$451 - $550	15		1	2		18		
Totals	6,238	592	1,684	966	4,751	14.231		

81.6% of all teachers of ordinary-size rural schools received not more than $850 per year ($16.35 per week), while 95.3% of the same group worked for not more than $1,050 per year ($20.19 per week). The most common rural salary was $700. 1,490 teachers drew this figure which is equal to $13.46 per week.

Courtesy Toronto Star

This group of British War Refugee children at Windsor, Ontario, is being looked after by the President of the Ford Motor Car Company of Canada

RURAL SCHOOLS

TABLE 14—FINANCIAL

Ordinary A	Assessment per Classroom B	No. of Classrooms	A.D.A. for Calendar Year C	A.D.A. per Classroom C	Major Sources	
					Section Levy E	Township Grant
In Counties	$				$	$
1 Halton	272,125	70	1,373	20	34,025	30,142
2 Perth	263,586	117	2,742	23	49,363	62,346
3 Waterloo	235,542	110	3,043	28	67,140	55,980
4 Middlesex	219,345	207	4,059	20	87,540	108,305
5 Brant	218,160	73	1,714	23	37,087	37,577
6 Wentworth	207,148	107	2,885	27	78,149	51,480
7 Elgin	199,413	125	2,530	20	57,478	53,873
8 Kent	196,919	156	3,959	25	81,671	82,032
9 Essex	190,781	142	3,938	28	81,570	71,265
10 Oxford	190,269	131	2,974	23	68,042	66,395
11 Huron	187,787	195	3,537	18	69,906	105,967
12 Norfolk	185,616	111	3,026	27	50,137	56,492
13 Wellington	173,285	153	2,861	19	58,553	81,139
14 Welland	151,321	95	2,463	26	46,950	65,291
15 Lambton	143,437	180	3,260	18	72,118	95,987
16 York	143,308	200	5,587	28	164,175	97,652
17 Simcoe	139,881	238	4,560	19	85,661	127,918
18 Peel	136,339	99	2,133	22	71,965	48,644
19 Prince Edward	134,606	73	1,228	16	17,503	36,710
20 Ontario	132,111	141	2,874	20	82,522	70,321
21 Lincoln	131,980	97	2,539	26	76,221	45,346
22 Dufferin	129,902	87	1,259	18	26,059	48,442
23 Bruce	129,353	165	2,661	16	49,393	81,485
24 Haldimand	122,163	82	1,631	20	30,048	43,538
25 Victoria	117,972	109	1,555	14	37,573	52,024
26 Durham	115,927	101	1,734	17	34,644	52,464
27 Carleton	118,250	135	2,729	20	48,450	64,665
28 Stormont	112,122	91	1,972	22	24,895	32,524
29 Northumberland	102,606	114	2,813	25	53,750	84,549
30 Russell	95,698	31	588	19	10,595	15,265
31 Lennox and Addington	94,839	114	1,758	15	18,603	45,936
32 Grey	94,161	223	4,017	18	62,409	110,600
33 Dundas	84,544	79	1,410	18	27,006	40,283
34 Lanark	83,881	121	2,338	19	21,702	55,065
35 Glengarry	81,759	75	1,517	20	17,422	34,876
36 Renfrew	81,528	173	3,257	19	31,838	70,733
37 Peterborough	79,895	101	1,714	17	22,805	38,272
38 Prescott	75,954	54	914	17	10,248	24,725
39 Grenville	73,831	71	1,020	14	14,727	32,438
40 Leeds	73,268	143	2,232	16	40,741	66,754
41 Hastings	72,423	198	3,794	19	52,346	70,446
42 Frontenac	42,841	145	2,531	17	32,196	45,208
43 Haliburton	16,574	60	1,003	17	17,404	5,303
Totals and Averages	143,425	5,292	107,732	20	2,122,630	2,566,457
In Districts						
1 Thunder Bay	53,141	124	2,643	21	101,672	5,063
2 Muskoka	49,626	103	1,666	16	53,972	14,691
3 Timiskaming	43,618	83	1,709	21	69,709	10,888
4 Algoma	38,608	110	2,499	23	72,886	7,914
5 Kenora	32,750	46	1,153	25	107,967	930
6 Rainy River	31,896	74	1,443	20	54,969	6,198
7 Manitoulin	30,756	45	945	21	22,529	5,909
8 Cochrane	30,247	85	1,654	19	60,179	1,608
9 Parry Sound	27,647	131	2,308	18	58,974	11,495
10 Sudbury	25,292	119	2,006	17	69,909	3,968
11 Nipissing	24,809	79	1,671	21	35,722	4,830
12 Patricia	18,000	2	27	14	4,358	....
Totals and Averages	35,493	1,001	19,724	20	712,846	73,494
Totals and Averages	126,256	6,293	127,456	20	2,835,476	2,639,951

STATISTICS, 1939

	of receipts		Disbursements		Cost per Pupil-Day (cents)			Debenture Indebtedness H	
	County Grant	Legislative Grant	Current F	Capital G	Current	Capital	Total	Amount	Per $1000 of Assessment
	$	$	$	$				$	$ c.
1	2,459	14,404	89,446	9,791	33.2	3.6	36.8	48,157	2.53
2	5,532	24,363	136,241	584	25.5	.1	25.6	1,752	.06
3	3,355	25,746	140,590	14,007	23.5	2.3	25.8	50,130	1.93
4	7,516	40,787	232,530	3,261	29.6	4.1	33.7	32,413	.71
5	2,530	14,825	91,022	4,000	27.2	1.2	28.4	6,743	.42
6	4,040	24,152	151,697	19,399	26.8	3.4	30.2	145,597	6.57
7	5,049	22,692	135,759	7,385	27.4	1.5	28.9	34,241	1.37
8	7,831	36,683	186,513	5,971	24.0	.8	24.8	22,244	.72
9	5,413	33,270	183,241	8,860	23.7	1.1	24.8	150,673	5.56
10	5,468	30,032	159,386	7,225	26.4	1.2	27.6	28,771	1.15
11	6,105	36,691	210,898	3,263	30.6	.5	31.1	16,146	.44
12	4,839	23,563	124,360	3,442	24.8	.7	25.5	34,387	1.67
13	4,801	29,585	170,044	2,091	30.2	.4	30.6	19,742	.74
14	2,850	28,290	126,547	13,141	26.4	2.7	29.1	125,844	8.75
15	5,085	33,031	185,875	7,925	29.5	1.3	30.8	36,567	1.42
16	8,502	54,888	258,345	8,771	28.5	1.0	29.5	47,931	1.44
17	4,074	26,551	131,850	21,555	31.5	5.1	36.6	156,137	11.56
18	1,708	10,479	67,531	2,110	28.3	.9	29.2	8,479	.86
19	3,635	28,468	157,724	20,864	28.5	3.8	32.3	159,507	8.56
20	4,567	29,076	134,755	7,066	27.8	1.5	29.3	31,229	2.44
21	2,512	15,933	90,532	1,025	37.1	.4	37.5	4,860	.43
22	5,401	39,284	172,337	757	32.9	.1	33.0	4,609	.21
23	1,594	17,938	90,600	....	28.9	....	28.9	....	....
24	2,810	23,557	106,712	4,083	34.7	1.3	36.0	35,334	2.75
25	2,354	24,757	107,124	2,623	31.8	.8	32.6	17,199	1.47
26	4,324	31,066	151,889	472	29.3	.9	30.2	87,792	5.71
27	1,694	18,208	83,425	8,472	21.7	2.2	23.9	39,910	3.91
28	4,915	39,893	174,129	5,079	31.8	1.0	32.8	42,195	2.34
29	7,571	57,379	279,739	39,995	25.4	3.6	29.0	373,320	13.03
30	781	9,138	33,872	1,015	29.1	.9	30.0	2,880	.97
31	1,462	36,328	104,292	1,032	30.2	.3	30.5	10,540	.97
32	5,055	47,776	227,681	4,125	28.8	.5	29.3	16,922	.80
33	2,615	20,660	79,648	5,810	28.7	2.1	30.8	15,711	2.35
34	1,343	27,177	105,259	1,086	32.2	.3	32.5	13,030	1.28
35	1,727	19,700	74,929	1,494	26.6	.5	27.1	3,586	.58
36	4,661	51,836	148,877	2,546	23.5	.4	23.9	19,994	1.41
37	1,488	33,507	98,236	2,157	27.6	.6	28.2	43,501	5.40
38	966	11,529	47,988	718	27.5	.4	27.9	5,838	1.42
39	1,530	17,074	71,035	345	35.6	.2	35.8	538	.10
40	2,639	35,060	135,990	8,828	31.4	2.1	33.5	70,355	6.71
41	5,227	65,815	191,638	5,323	25.5	.7	26.2	26,442	1.84
42	2,804	62,035	136,863	2,145	27.5	.4	27.9	21,765	3.50
43	....	43,150	61,636	1,446	31.9	.7	32.6	4,185	4.21
	160,832	1,316,376	5,848,785	271,287	28.0	1.3	29.3	271,287	2.64
1	....	83,086	169,166	13,699	33.0	2.7	35.7	79,696	12.09
2	....	68,458	123,615	9,653	37.8	2.9	40.7	57,453	11.24
3	....	47,338	111,848	6,573	33.5	2.0	35.5	25,010	7.82
4	....	63,849	127,905	8,673	27.2	1.8	29.0	32,932	7.75
5	....	45,941	68,755	3,150	33.8	1.5	35.3	21,220	14.08
6	....	54,578	102,070	14,540	36.1	5.1	41.2	96,017	40.68
7	....	31,619	50,441	4,523	27.5	2.5	30.0	21,206	15.32
8	....	62,848	118,768	3,649	34.4	1.1	35.5	38,908	15.55
9	....	86,466	147,336	4,013	32.9	.9	33.8	24,569	6.78
10	....	75,424	134,520	11,920	27.4	2.4	29.8	131,029	43.53
11	....	49,835	76,734	7,466	24.6	2.4	27.0	25,695	13.11
12	....	159	3,833	....	71.1	....	71.1	....	....
	....	669,601	1,234,991	87,859	31.6	2.2	33.8	553,735	15.58
	160,832	1,985,977	7,083,776	359,146	28.6	1.4	30.0	2,570,931	3.22

TABLE 14—FINANCIAL

RURAL SCHOOLS

Large Suburban and Semi-Urban	Township	School Section No.	Adjacent to	Assessment per Class-room B	No. of Class-rooms	A.D.A. for Calendar Year C	A.D.A. per Class-room C
In Counties				$			
1 Brant........	Brantford..........	3	Brantford......	105,682	7	261	37
2 Carleton.....	Nepean............	2	Ottawa.........	101,396	27	888	33
3 Essex........	Sandwich East......	5	Windsor........	56,531	14	585	42
4 Lincoln......	Grantham..........	U5, 6	St. Catharines...	74,143	8	259	32
5 Ontario......	Whitby East........	10	Oshawa........	52,208	10	395	40
6 Peel.........	Toronto............	7	Lakeview.......	66,291	13	455	35
7 Peterborough.	Monaghan North....	2	Peterborough...	74,791	10	364	36
8 Welland.....	Stamford...........	4	Niagara Falls...	113,708	8	252	32
9	Stamford...........	6	Niagara Falls...	67,444	13	252	35
10	Stamford...........	7	Niagara Falls...	579,703	8	256	32
11	Bertie..............	11	Ridgeway......	178,190	10	256	26
12	Crowland...........	3	Welland........	106,871	19	583	31
13	Thorold............	2	Thorold........	238,971	10	257	26
14 Wentworth...	Burlington Beach....	....	Hamilton.......	238,234	7	231	33
15 York........	Etobicoke..........	3	Lambton Mills..	198,578	13	430	33
16	Etobicoke..........	5	Weston........	113,023	7	269	38
17	Etobicoke..........	8	Islington.......	119,414	12	338	28
18	Etobicoke..........	11	Humber Bay....	88,566	14	409	29
19	Etobicoke..........	16	Long Branch....	50,948	14	457	33
20	York...............	Twp.	Toronto........	79,130	284	9,750	34
21	York East..........	Twp.	Toronto........	88,349	153	5,280	35
22	North York.........	3	Toronto........	132,129	38	1,266	33
23	Scarboro...........	10	Toronto........	66,991	21	773	37
24	Scarboro...........	12	Toronto........	51,732	21	725	35
25	Scarboro...........	13	Toronto........	164,525	11	409	37
26	Scarboro...........	15	Toronto........	91,332	16	476	30
Totals and	Averages, Counties..	....	....	97,424	768	26,083	34
In Districts	Centre		Township				
1 Cochrane....	South Porcupine....	1	Tisdale.........	149,434	24	691	29
2	Schumacher........	2	Tisdale.........	161,340	20	670	34
3 Parry Sound.	Callander...........	U4	Himsworth.....	19,587	8	207	26
4 Sudbury.....	Chapleau...........	1	Chapleau.......	120,217	6	138	23
5	Creighton Mine.....	U1	Creighton Mine.	117,274	8	268	34
6	Garson Mine........	3	Garson Mine....	22,467	6	231	39
7	Gatchell............	5	McKim.........	35,291	9	286	32
8 Timiskaming.	Kirkland Lake......	Twp.	Teck...........	76,165	73	2,212	30
9 Thunder Bay.	Schreiber...........	1	Schreiber.......	80,014	6	163	27
Totals and	Averages, Districts..	....	....	94,513	160	4,866	30
Totals and Averages, All Large Suburban and Semi-Urban Schools..				96,922	928	30,949	33

STATISTICS, 1939

	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (cents)			Debenture Indebtedness H	
	Section Levy E	Township Grant	County Grant	Legislative Grant	Current F	Capital G	Current	Capital	Total	Amount	Per $1,000 of Assessment
	$	$	$	$	$	$				$	$ c.
1	6,189	2,700	399	3,175	10,423	2,472	20.2	4.8	25.0	6,415	8.67
2	24,634	10,260	760	14,464	50,470	2,929	29.0	1.7	30.7	23,430	8.56
3	9,414	6,400	1,989	7,010	21,599	D	18.8	D	....	174,612	220.62
4	8,762	3,240	396	4,856	12,775	4,002	24.9	7.8	32.7	10,960	18.48
5	10,353	3,780	65	4,883	12,392	6,633	15.8	8.4	24.2	66,099	126.60
6	18,768	5,040	535	7,403	22,142	10,799	24.7	12.0	36.7	101,613	117.90
7	5,395	3,960	250	4,698	14,153	....	19.8	....	19.8	15,558	20.80
8	5,595	8,000	275	3,465	14,971	2,927	30.6	6.0	36.6	25,380	27.90
9	9,577	12,000	471	8,293	24,282	6,777	27.0	7.5	34.5	57,388	65.45
10	9,000	8,000	659	3,799	20,491	....	41.1	....	41.1	....	....
11	19,760	6,200	89	2,208	14,878	11,088	29.5	22.0	51.5	83,627	46.93
12	23,335	8,200	247	6,969	28,153	8,535	24.7	7.5	32.2	70,290	34.61
13	14,231	9,700	122	2,307	19,596	7,074	38.7	13.9	52.6	84,467	35.35
14	10,423	....	....	1,763	11,725	....	25.8	....	25.8	....	....
15	23,488	4,500	990	4,483	26,262	5,599	31.1	6.6	37.7	12,852	4.98
16	10,893	2,700	225	4,151	13,556	6,210	25.9	11.9	37.8	11,707	14.80
17	21,092	3,420	493	3,849	19,399	10,141	29.1	15.2	44.3	45,349	31.65
18	26,430	5,400	439	7,790	28,879	12,656	36.0	15.8	51.8	55,818	45.02
19	19,002	5,400	424	11,105	24,541	11,879	27.4	13.3	40.7	116,157	162.85
20	539,457	....	12,525	247,789	613,756	197,438	30.5	9.8	40.3	2,181,689	97.08
21	254,180	....	8,616	99,941	300,686	57,121	28.8	5.5	34.3	1,015,070	75.09
22	60,927	14,220	1,232	16,343	67,246	10,321	26.8	4.1	30.9	193,989	38.64
23	13,097	8,388	1,470	13,520	35,609	D	23.6	D	....	179,276	127.43
24	11,218	8,100	688	12,772	32,951	D	23.4	D	....	121,817	112.13
25	12,641	4,140	411	3,477	20,372	D	25.7	D	....	85,200	47.08
26	14,037	6,110	318	7,388	26,607	D	29.0	D	....	99,778	68.28
	1,181,898	149,858	34,088	507,901	1,487,914	374,601	28.5	7.2	35.7	4,838,541	64.66
1	26,478	2,250	....	11,390	49,978	....	36.9	....	36.9	90,779	25.31
2	51,391	2,300	....	11,589	53,435	8,691	39.9	4.9	44.8	63,143	19.57
3	4,750	765	....	8,910	11,797	1,475	28.9	3.6	32.5	10,303	65.75
4	13,819	....	....	3,490	12,729	5,449	47.2	20.2	67.4	70,832	98.20
5	10,270	....	....	3,792	14,350	....	27.1	....	27.1	....	....
6	6,902	585	....	6,692	9,411	....	20.9	....	20.9	....	....
7	12,151	1,485	....	3,936	10,342	2,064	18.5	3.7	22.2	18,982	59.76
8	160,370	....	....	38,797	134,049	33,111	31.4	7.6	39.0	271,013	48.74
9	6,525	....	....	3,301	9,422	....	29.3	....	29.3	....	....
	292,656	7,385	....	91,897	305,513	50,790	32.0	5.3	37.3	525,052	34.70
	1,474,554	157,243	34,088	599,798	1,793,427	425,391	29.0	6.9	35.9	5,363,593	59.63

TABLE 14—FINANCIAL

URBAN SCHOOLS

Cities	County	Assessed Population j	No. of Class-rooms	Local Assess-ment per Class-room	A.D.A. for the Calendar year c	A.D.A. per Class-room c
GROUP A				$		
1 Toronto	York	649,123	1,806	509,105	69,167	38
GROUP B						
2 Hamilton	Wentworth	154,690	491	309,470	17,568	36
3 Ottawa	Carleton	145,183	246	525,166	8.219	33
4 Windsor	Essex	102,680	297	267,037	10,140	34
5 London	Middlesex	74,000	231	332,239	7,685	33
Totals and Averages,	Group B	476,553	1,265	345,611	43,612	34
GROUP C						
6 Kitchener	Waterloo	33,080	99	222,774	3,718	37
7 Brantford	Brant	31,309	103	248,387	3,448	33
8 St. Catharines	Lincoln	27,756	89	255,499	3,064	34
9 Oshawa	Ontario	24,938	87	288,406	3,367	39
10 Peterborough	Peterborough	24,017	75	295,655	2,443	33
11 Kingston	Frontenac	23,989	68	246,313	2,477	36
12 Guelph	Wellington	21,518	60	200,833	2,216	37
Totals and Averages,	Group C	186,607	581	252,053	20,733	36
GROUP D						
13 Sudbury	Sudbury	29,186	58	202,306	2,124	37
14 Fort William	Thunder Bay	24,843	88	280,571	2,912	33
15 Sault Ste. Marie	Algoma	23,908	79	231,965	2,763	35
16 Port Arthur	Thunder Bay	21,284	70	342,867	2,317	33
17 North Bay	Nipissing	15,797	43	169,492	1,342	31
Totals and Averages,	Group D	115,018	338	254,551	11,458	34
GROUP E						
18 Niagara Falls	Welland	18,770	64	257,684	2,163	34
19 Sarnia	Lambton	18,218	63	272,759	2,124	34
20 Stratford	Perth	17,159	61	202,089	1,857	30
21 Chatham	Kent	16,910	53	242,106	1,789	34
22 St. Thomas	Elgin	16,362	55	242,474	1,625	30
23 Belleville	Hastings	14,678	47	194.785	1,584	34
24 Galt	Waterloo	14,286	46	240,070	1,584	35
25 Owen Sound	Grey	13,659	55	145,318	1,893	34
26 Woodstock	Oxford	11,418	38	189,430	1,272	33
27 Welland	Welland	11,205	54	182,584	1,691	31
Totals and Averages,	Group E	152,665	536	219,065	17,582	33
Totals and Averages,	All Cities	1,579,966	4,526	377,053	162,552	36

GROUP A—Cities with population over 200,000.
GROUP B— " " " " 50,000 and under 200,000.
GROUP C— " " " " 20,000 and under 50,000.
GROUP D— " in Districts.
GROUP E— " with population under 20,000.

STATISTICS, 1939

	Major Sources of Receipts		Disbursements		Cost per Pupil-Day (cents)			Debenture Indebtedness H	
	School District Levy E	Legislative Grants	Current F	Capital G	Current	Capital	Total	Amount	Per $1,000 of Local Assessm't
	$	$	$	$				$	$ c.
1	6,955,584	171,041	5,963,792	1,112,023	43.8	8.2	52.0	9,055,347	9.85
2	1,243,260	39,843	1,037,659	262,187	30.3	7.7	38.0	948,417	6.24
3	936,635	25,406	813,714	159,099	49.8	9.7	59.5	1,143,118	8.85
4	800,446	29,421	710,932	134,285	35.6	6.7	42.3	4,180,562	52.72
5	688,217	23,893	575,931	132,368	39.4	9.1	48.5	571,632	7.45
	3,668,558	118,563	3,138,236	687,939	36.8	8.1	44.9	6,843,729	15.65
6	245,165	18,048	165,063	57,468	22.7	7.9	30.6	515,893	23.39
7	216,183	15,438	210,082	30,003	30.9	4.4	35.3	242,200	9.47
8	224,636	13,779	201,060	36,176	33.2	6.0	39.2	199,187	8.76
9	186,630	8,313	153,356	50,454	23.5	7.7	31.2	284,597	11.34
10	205,574	12,015	193,644	32,374	40.4	6.8	47.2	263,132	11.87
11	124,256	7,767	137,141	29,903	28.0	6.1	34.1	327,899	19.58
12	103,130	8,223	103,511	9,892	23.8	2.3	26.1	95,438	7.92
	1,305,574	83,583	1,163,857	246,270	28.6	6.1	34.7	1,835,086	12.53
13	112,168	4,759	96,409	21,468	25.1	5.6	30.7	269,315	22.95
14	246,102	12,743	203,386	54,216	35.6	9.4	45.0	657,110	26.61
15	196,933	8,918	159,671	50,221	29.5	9.2	38.7	647,130	35.31
16	203,602	7,601	161,388	54,207	35.4	11.9	47.3	196,360	8.18
17	98,171	7,542	84,550	22,088	32.2	8.4	40.6	87,336	11.98
	856,976	41,563	705,404	202,200	31.8	9.1	40.9	1,857,251	21.39
18	156,202	7,140	126,675	37,447	29.9	8.8	38.7	157,806	9.57
19	152,856	10,370	142,555	20,756	34.8	5.1	39.9	117,549	6.84
20	130,671	8,422	110,355	27,701	30.3	7.6	37.9	121,433	9.85
21	103,232	9,135	112,872	....	32.0	....	32.0	....	....
22	100,463	4,987	96,790	8,663	30.4	2.7	33.1	4,802	.36
23	104,294	5,327	81,633	27,802	26.5	9.0	35.5	177,082	19.34
24	79,817	5,142	81,158	6,017	26.1	1.9	28.0	11,030	1.00
25	119,573	10,311	97,292	29,252	26.1	7.8	33.9	80,508	10.07
26	69,064	4,606	66,351	11,838	26.6	4.7	31.3	95,380	13.25
27	118,585	7,279	103,812	22,095	31.3	6.7	38.0	184,586	18.72
	1,134,757	72,719	1,019,493	191,571	29.6	5.5	35.1	950,176	8.09
	13,921,449	487,469	11,990,782	2,440,003	37.6	7.7	45.3	20,541,589	12.04

TABLE 14—FINANCIAL

Towns	County	Assessed Population J	No. of Class-rooms	Assess-ment per Class-room B	A.D.A. for the Calendar year C	A.D.A. per Class-room C
GROUP A				$		
1 Cornwall	Stormont	13,543	23	343,581	840	37
2 Pembroke	Renfrew	10,412	27	138,555	895	33
3 Brockville	Leeds	9,961	33	189,469	1,132	34
4 Orillia	Simcoe	9,088	32	170,582	1,124	35
5 Waterloo	Waterloo	8,623	31	239,196	975	31
6 Barrie	Simcoe	8,446	32	163,949	1,049	33
7 Smith's Falls	Lanark	7,672	25	165,073	848	34
8 Eastview	Carleton	7,245	7	64,766	181	26
9 Trenton	Hastings	7,222	25	120,536	905	36
10 Lindsay	Victoria	7,203	27	145,812	821	30
11 New Toronto	York	7,175	30	152,109	1,094	36
12 Mimico	York	7,012	28	121,276	950	34
13 Midland	Simcoe	6,600	22	211,936	709	32
14 Port Colborne	Welland	6,483	32	150,470	1,292	40
15 Preston	Waterloo	6,292	18	293,772	582	32
16 Simcoe	Norfolk	6,263	20	224,540	780	39
17 Hawkesbury	Prescott	6,203	4	174,881	104	26
Totals and Averages,	Group A	135,443	416	181,397	14,281	34
GROUP B						
18 Fort Erie	Welland	5,898	34	125,794	861	25
19 Leamington	Essex	5,811	20	177,632	703	35
20 Brampton	Peel	5,695	20	173,526	649	33
21 Renfrew	Renfrew	5,351	11	200,909	373	34
22 Collingwood	Simcoe	5,342	21	118,482	752	36
23 Ingersoll	Oxford	5,302	19	150,758	638	34
24 Weston	York	5,289	19	149,023	616	32
25 Cobourg	Northumberland	5,268	18	205,713	564	31
26 Riverside	Essex	5,086	16	125,698	521	33
27 Thorold	Welland	5,038	14	120,742	458	33
28 Dundas	Wentworth	5,012	17	175,332	566	33
29 Port Hope	Durham	4,812	17	143,894	634	37
30 Wallaceburg	Kent	4,783	16	104,222	511	32
31 Goderich	Huron	4,484	15	120,172	505	34
32 Paris	Brant	4,409	15	196,711	456	30
33 Tillsonburg	Oxford	4,376	13	192,696	511	39
34 Carleton Place	Lanark	4,275	16	91,341	552	35
35 Perth	Lanark	4,182	12	126,167	394	33
36 Penetanguishene	Simcoe	4,076	23	50,271	790	34
37 St. Mary's	Perth	4,018	13	176,505	364	28
38 Leaside	York	4,001	20	208,685	439	22
Totals and Averages,	Group B	102,508	369	146,480	11,857	32
GROUP C						
39 Newmarket	York	3,916	15	122,806	478	32
40 Arnprior	Renfrew	3,898	10	166,379	345	34
41 Dunnville	Haldimand	3,870	12	83,333	465	39
42 Oakville	Halton	3,869	14	249,118	420	30
43 Whitby	Ontario	3,863	12	175,307	413	34
44 Burlington	Halton	3,815	14	217,122	473	34
45 Bowmanville	Durham	3,800	14	162,857	489	35
46 Gananoque	Leeds	3,628	10	165,118	373	37
47 Picton	Prince Edward	3,582	12	240,734	436	36
48 Hanover	Grey	3,235	13	86,154	424	33
49 Napanee	Lennox and Addington	3,234	12	130,250	404	34
50 Campbellford	Northumberland	2,968	11	118,565	360	33
51 Prescott	Grenville	2,925	9	136,310	301	33
52 Hespeler	Waterloo	2,895	14	163,298	418	30
53 Listowel	Perth	2,892	9	172,263	308	34
54 Aurora	York	2,821	10	132,693	376	38
55 Strathroy	Middlesex	2,806	11	153,392	371	34
56 Petrolia	Lambton	2,772	11	92,182	338	31
57 Meaford	Grey	2,759	10	89,250	319	32
58 Amherstburg	Essex	2,755	7	201,889	196	28
59 Merritton	Lincoln	2,656	9	185,291	286	32
60 Orangeville	Dufferin	2,608	9	138,340	291	33
61 Walkerton	Bruce	2,523	6	105,056	184	31
62 Kincardine	Bruce	2,470	9	86,108	316	35
63 Georgetown	Halton	2,427	8	201,736	277	35
64 Kingsville	Essex	2,360	11	197,563	358	33
65 Almonte	Lanark	2,330	7	133,058	224	32

STATISTICS, 1939

	Major Sources of Receipts		Disbursements		Cost per Pupil-Day (cents)			Debenture Indebtedness H	
	School District Levy E	Legislative Grant	Current F	Capital G	Current	Capital	Total	Amount	Per $1,000 of Assessm't
	$	$	$	$				$	$ c.
1	46,095	1,696	3,9464	4,520	24.6	2.8	27.4	117,739	14.90
2	47,355	4,191	42,180	9,648	24.2	5.5	29.7	173,298	46.32
3	53,600	3,691	57,262	....	26.2	....	26.2	....	....
4	50,444	3,659	49,260	4,979	22.4	2.3	24.7	31,248	5.72
5	71,731	6,506	59,869	18,974	31.3	9.9	41.2	211,904	28.58
6	52,455	3,659	51,779	5,298	25.0	2.6	27.6	37,576	7.16
7	40,188	3,721	41,698	2,438	25.1	1.5	26.6	13,512	3.27
8	8,572	1,887	15,865	....	49.6	....	49.6	....	....
9	42,870	5,671	34,650	15,797	19.5	8.9	28.4	153,767	51.02
10	40,920	2,418	37,435	5,678	23.1	3.5	26.6	2,795	.71
11	80,058	5,259	60,938	24,058	28.5	11.3	39.8	132,476	29.03
12	64,050	6,298	56,634	12,762	30.5	6.8	37.3	137,726	40.55
13	36,858	2,318	35,826	3,409	25.8	2.5	28.3	57,696	12.37
14	73,946	6,338	61,003	20,370	24.3	8.1	32.4	107,703	22.36
15	24,657	3,216	29,035	....	25.8	....	25.8	....	....
16	35,784	1,679	27,442	9,473	18.0	6.2	24.2	95,571	21.28
17	4,607	309	7,288	....	37.3	....	37.3	....	....
	774,190	62,516	707,629	137,404	25.4	4.9	30.3	1,273,011	16.87
18	49,333	4,029	56,207	....	33.3	D	33.3	180,000s	42.08
19	33,230	2,695	30,257	5,787	21.8	4.2	26.0	63,845	17.97
20	39,149	2,134	34,396	7,649	26.9	6.0	32.9	48,671	14.02
21	20,752	1,192	18,891	2,341	26.5	3.3	29.8	2,230	1.01
22	27,029	30,801	29,550	168	20.0	.1	20.1	1,301	.52
23	39,427	3,321	26,791	13,822	21.3	11.0	32.3	5,113	1.78
24	38,631	2,966	35,166	7,520	29.0	6.2	35.2	70,905	25.04
25	28,262	2,527	27,420	2,657	25.2	2.4	27.6	13,540	3.66
26	29,164	3,509	26,876	8,157	26.2	8.0	34.2	302,521	150.42
27	28,062	2,630	24,596	6,183	27.4	6.9	34.3	93,143	55.10
28	27,855	1,486	23,394	6,887	20.9	6.1	27.0	16,894	5.67
29	25,437	2,460	23,717	5,537	19.4	4.5	23.9	24,450	10.00
30	26,166	3,475	23,119	5,140	23.0	5.1	28.1	47,048	28.21
31	20,977	3,048	22,949	1,535	23.2	1.6	24.8	1,150	.64
32	23,228	1,520	24,061	....	26.8	....	26.8	....	....
33	18,794	2,251	19,147	2,137	19.0	2.1	21.1	4,352	1.74
34	18,920	4,066	20,966	688	19.3	.6	19.9	6,273	4.29
35	17,940	2,009	17,878	1,760	23.9	2.3	26.2	2,800	1.84
36	24,421	8,564	27,568	6,436	18.0	4.2	22.2	5,021	4.34
37	24,020	1,059	19,306	6,020	27.2	8.5	35.7	28,704	12.50
38	50,200	2,756	35,536	13,700	41.0	15.8	56.8	232,852	55.79
	610,997	88,498	567,791	104,124	25.6	4.7	30.3	1,150,813	17.96
39	23,534	2,474	23,425	3,034	25.1	3.2	28.3	41,250	22.39
40	16,136	1,550	14,733	4,590	22.2	6.9	29.1	56,376	20.57
41	14,436	3,484	17,971	3,269	19.6	3.6	23.2	27,408	25.67
42	30,565	1,060	22,793	10,517	27.7	12.8	40.5	22,039	6.32
43	23,090	1,192	17,185	7,088	21.2	8.7	29.9	42,512	20.21
44	30,056	1,200	22,789	8,056	24.6	8.7	33.3	54,420	17.90
45	20,367	1,723	20,594	2,367	21.3	2.4	23.7	15,548	6.82
46	18,293	1,123	15,325	4,783	20.6	6.4	27.0	54,206	32.83
47	17,900	1,204	18,308	2,025	21.7	2.4	24.1	16,963	5.87
48	14,940	3,095	17,860	340	21.5	.4	21.9	4,369	3.90
49	15,853	2,332	15,845	....	19.8	....	19.8	....	....
50	12,496	1,916	14,154	....	21.3	....	21.3	....	....
51	13,977	1,064	12,539	2,657	21.2	4.5	25.7	4,646	3.78
52	22,339	2,386	20,311	6,277	24.6	7.6	32.2	7,241	3.17
53	13,490	1,033	13,328	1,090	22.3	1.8	24.1	9,807	6.32
54	14,000	2,106	17,155	....	23.8	....	23.8	....	....
55	13,000	1,255	15,095	....	20.7	....	20.7	....	....
56	14,092	2,396	14,818	....	22.2	....	22.2	....	....
57	12,000	1,947	13,336	....	25.6	....	25.6	....	....
58	13,426	773	13,332	1,301	34.7	3.3	38.0	1,301	.92
59	19,535	876	15,992	3,853	28.2	6.8	35.0	24,335	14.59
60	12,230	1,260	13,334	....	23.4	....	23.4	....	....
61	8,158	1,372	9,837	....	27.4	....	27.4	....	....
62	8,742	2,079	11,119	....	18.0	....	18.0	....	....
63	13,308	705	13,296	808	24.5	1.5	26.0	7,879	4.88
64	17,676	839	14,323	4,088	20.7	5.9	26.6	40,186	18.49
65	8,703	1,069	9,603	....	22.6	....	22.6	....	....

TABLE 14—FINANCIAL

Towns	County	Assessed Population J	No. of Class-rooms	Assess-ment per Class-room B	A.D.A. for the Calendar year C	A.D.A. per Class-room C
GROUP C—(*Cont.*)				$		
66 Tecumseh	Essex	2,237	2	244,972	75	38
67 Wingham	Huron	2,149	8	111,356	224	28
68 Elmira	Waterloo	2,069	8	257,362	309	38
69 Rockland	Russell	2,030	1	83,362	18	18
Totals and Averages,	Group C	92,162	308	154,975	10,269	33
GROUP D						
70 Tilbury	Kent	1,989	4	107,963	113	28
71 Grimsby	Lincoln	1,988	10	137,560	267	27
72 Ridgetown	Kent	1,981	8	106,737	249	31
73 Aylmer	Elgin	1,979	10	182,677	344	34
74 Alexandria	Glengarry	1,951	2	89,994	42	21
75 Mount Forest	Wellington	1,909	5	165,737	176	35
76 Milton	Halton	1,903	8	243,019	265	33
77 Clinton	Huron	1,879	7	109,924	187	27
78 Durham	Grey	1,854	8	63,534	230	29
79 Essex	Essex	1,854	8	130,048	251	31
80 Blenheim	Kent	1,844	8	123,659	267	33
81 Seaforth	Huron	1,771	7	108,726	163	23
82 Niagara	Lincoln	1,764	5	153,540	163	33
83 Wiarton	Bruce	1,760	8	75,616	265	33
84 Chesley	Bruce	1,743	7	105,797	223	32
85 Mitchell	Perth	1,666	6	157,122	218	36
86 Dresden	Kent	1,572	6	94,433	211	35
87 Uxbridge	Ontario	1,535	7	92,806	198	28
88 Forest	Lambton	1,520	5	114,120	167	33
89 Southampton	Bruce	1,515	6	84,760	208	34
90 Vankleek Hill	Prescott	1,498	3	84,478	65	22
91 Alliston	Simcoe	1,437	7	129,046	205	29
92 Palmerston	Wellington	1,393	6	136,875	198	33
93 Harriston	Wellington	1,326	5	177,323	203	41
94 Deseronto	Hastings	1,300	5	75,000	149	30
95 Harrow	Essex	1,055	6	91,828	199	33
96 Parkhill	Middlesex	1,022	3	156,211	117	39
97 Stayner	Simcoe	1,013	4	210,250	106	27
98 La Salle	Essex	873	1	303,304	36	36
99 Thornbury	Grey	830	3	93,125	97	32
100 Bothwell	Kent	646	2	104,500	83	41
Totals and Averages,	Group D	48,370	180	126,404	5,665	31
GROUP A	District					
101 Timmins	Cochrane	27,000	53	130,601	2,102	39
GROUP B						
102 Kenora	Kenora	8,475	28	160,163	963	34
103 Fort Frances	Rainy River	5,794	25	140,921	862	34
104 Sturgeon Falls	Nipissing	4,832	6	184,555	180	30
105 Copper Cliff	Sudbury	3,785	15	333,732	549	37
106 Parry Sound	Parry Sound	3,608	15	108,481	567	31
107 Kapuskasing	Cochrane	3,495	14	217,078	418	30
108 New Liskeard	Timiskaming	2,985	12	143,794	424	35
109 Cochrane	Cochrane	2,907	10	124,460	315	31
110 Cobalt	Timiskaming	2,872	10	78,468	309	31
111 Huntsville	Muskoka	2,764	12	106,021	451	37
112 Haileybury	Timiskaming	2,752	8	129,839	222	28
113 Bracebridge	Muskoka	2,449	10	105,634	364	36
114 Geraldton	Thunder Bay	2,378	7	164,576	230	33
115 Blind River	Algoma	2,375	6	53,319	184	31
116 Gravenhurst	Muskoka	2,193	10	87,998	320	32
117 Coniston	Sudbury	2,163	4	108,832	102	25
118 Mattawa	Nipissing	2,123	2	59,174	40	20
Totals and Averages,	Group B	57,950	187	147,931	6,270	34
GROUP C						
119 Sioux Lookout	Kenora	1,933	10	79,956	310	31
120 Dryden	Kenora	1,726	9	152,698	325	36
121 Capreol	Sudbury	1,700	10	82,339	335	34
122 Larder Lake	Timiskaming	1,683	5	161,236	196	39
123 Thessalon	Algoma	1,617	8	75,160	285	36
124 Keewatin	Kenora	1,481	7	197,424	210	30
125 Iroquois Falls	Cochrane	1,345	6	314,601	189	31
126 Rainy River	Rainy River	1,326	5	100,152	141	28
127 Englehart	Timiskaming	1,275	8	56,519	270	34
128 Little Current	Manitoulin	1,050	4	65,000	113	28
129 Cache Bay	Nipissing	1,001	2	82,836	56	28
Totals and Averages,	Group C	18,515	81	125,985	2,660	33

STATISTICS, 1939

	Major Sources of Receipts		Disbursements		Cost per Pupil-Day (cents)			Debenture Indebtedness H	
	School District Levy E	Legislative Grant	Current F	Capital G	Current	Capital	Total	Amount	Per $1,000 of Assessment B
	$	$	$	$				$	$ c.
66	4,337	157	3,478	1,194	23.6	8.1	31.7	19,295	39.38
67	9,000	1,314	11,643	....	26.6	....	26.6	....	....
68	11,300	951	12,409	....	20.5	....	20.5	....	....
69	1,250	144	1,234	....	35.0	....	35.0	....	....
	468,229	46,079	457,164	67,337	22.9	3.4	26.3	450,095	9.40
70	4,801	1,035	6,247	....	28.0	....	28.0	....	....
71	11,810	2,009	14,179	....	27.0	....	27.0	....	....
72	10,550	2,666	12,296	....	25.0	....	25.0	....	....
73	15,324	979	13,985	1,204	20.7	1.8	22.5	8,425	4.61
74	2,243	457	2,945	....	37.0	....	37.0	....	....
75	5,700	873	6,226	....	17.9	....	17.9	....	....
76	11,512	911	11,291	725	21.8	1.4	23.2	4,246	2.18
77	8,411	1,692	9,024	711	24.4	1.9	26.3	711	.92
78	6,000	2,494	8,573	....	19.1	....	19.1	....	....
79	8,584	1,325	10,089	D	20.5	D	....	23,783	22.85
80	9,900	1,942	10,444	532	19.9	1.0	20.9	6,496	6.57
81	7,903	1,500	9,304	....	29.2	....	29.2	3,500	4.60
82	7,372	863	8,470	....	26.4	....	26.4	....	....
83	9,020	2,948	10,567	710	20.4	1.4	21.8	2,418	4.00
84	7,450	1,699	8,993	....	20.7	....	20.7	449	.61
85	9,564	1,217	8,377	2,064	19.9	4.9	24.8	8,814	9.35
86	5,983	1,551	6,954	585	16.7	1.4	18.1	4,537	8.01
87	6,662	1,460	8,411	674	21.7	1.7	23.4	1,348	2.07
88	6,541	1,270	7,435	241	23.0	.7	23.7	954	1.67
89	6,881	1,992	8,576	339	21.1	.8	21.9	1,254	2.47
90	3,595	680	3,769	....	29.9	....	29.9	....	....
91	8,420	1,177	10,349	920	26.2	2.3	28.5	6,500	7.19
92	6,141	1,007	7,024	....	18.0	....	18.0	....	....
93	6,405	897	6,647	583	16.6	1.4	18.0	2,206	2.49
94	5,444	1,647	5,768	744	19.4	2.5	21.9	2,016	5.38
95	7,000	1,094	7,533	....	19.7	....	19.7	....	....
96	3,900	528	4,605	....	26.0	....	26.0	....	....
97	6,305	393	4,253	2,305	20.5	11.1	31.6	19,798	23.54
98	2,480	119	2,608	D	36.5	D	36.5	70,249	231.61
99	3,148	784	3,662	....	19.2	....	19.2	....	....
100	2,025	797	2,828	....	17.2	....	17.2	....	....
	217,074	40,006	241,429	12,337	21.9	1.1	23.0	167,704	7.37
101	147,701	15,464	128,310	36,701	31.3	9.0	40.3	250,475	36.18
102	51,471	2,764	41,243	13,872	22.5	7.6	30.1	78,561	17.52
103	53,510	4,936	44,193	16,810	26.0	9.9	35.9	74,175	21.05
104	9,309	454	9,685	....	27.3	....	27.3	....	....
105	32,278	1,307	28,807	3,269	26.8	3.0	29.8	8,717	1.74
106	23,062	3,402	24,025	3,154	21.7	2.8	24.5	19,142	11.76
107	35,012	4,245	30,689	8,600	38.7	10.8	49.5	116,723	38.41
108	22,982	1,927	19,669	5,250	23.7	6.3	30.0	9,981	5.78
109	20,777	2,644	20,432	1,765	32.9	2.8	35.7	13,631	10.95
110	17,401	8,532	25,482	....	42.4	....	42.4	....	....
111	12,330	2,374	16,336	513	18.6	.6	19.2	....	....
112	13,480	1,052	13,065	1,431	30.1	3.3	33.4	....	....
113	12,196	2,268	14,487	388	21.5	.6	22.1	1,972	1.87
114	14,523	988	10,640	3,238	23.5	7.2	30.7	21,693	18.84
115	5,771	1,629	7,588	....	20.9	....	20.9	....	....
116	17,030	2,557	14,776	5,271	23.7	8.4	32.1	18,478	21.00
117	7,500	720	7,892	....	37.5	....	37.5	....	....
118	1,343	176	1,511	....	19.2	....	19.2	....	....
	335,452	40,987	319,880	60,323	26.3	5.0	31.3	341,380	12.34
119	18,128	3,721	17,760	4,950	29.6	8.2	37.8	38,068	47.61
120	16,586	1,843	14,426	4,286	22.6	6.7	29.3	38,234	27.82
121	10,600	3,746	14,558	....	22.0	....	22.0	....	....
122	15,534	2,979	10,011	....	26.9	....	26.9	....	....
123	7,094	2,364	8,602	1,463	15.4	2.6	18.0	....	....
124	12,884	799	9,038	4,184	21.8	10.1	31.9	15,305	11.07
125	14,620	996	15,033	3,211	40.0	8.5	48.5	66,044	34.99
126	7,946	1,888	9,814	....	35.3	....	35.3	....	....
127	9,744	3,503	13,127	2,906*	24.8	5.5	30.3	39,633	87.65
128	3,900	359	5,264	....	23.9	....	23.9	....	....
129	2,079	515	2,534	....	23.0	....	23.0	....	....
	133,638	23,701	130,807	24,238	25.1	4.6	29.7	218,977	21.46

*1,765.34 of this amount paid by Department of Education.

TABLE 14—FINANCIAL

Towns	District	Assessed Population J	No. of Class-rooms	Assess-ment per Class-room B	A.D.A. for the Calendar year C	A.D.A. per Class-room C
GROUP D				$		
130 Smooth Rock Falls	Cochrane	966	4	110,365	129	32
131 Levack	Sudbury	805	4	46,885	108	27
132 Gore Bay	Manitoulin	802	3	84,927	122	41
133 Powassan	Parry Sound	776	5	58,706	189	38
134 Massey	Sudbury	765	3	28,002	82	27
135 Hearst	Cochrane	702	3	51,420	92	31
136 Bruce Mines	Algoma	409	3	80,400	91	30
137 Webbwood	Sudbury	401	4	30,570	93	23
138 Latchford	Timiskaming	380	2	45,097	73	36
139 Bala	Muskoka	368	2	245,713	48	24
140 Matheson	Cochrane	368	4	61,793	101	25
141 Trout Creek	Parry Sound	332	2	50,325	72	36
142 Nesterville	Algoma	300	1	34,010	52	52
143 Kearney	Parry Sound	293	2	27,889	52	26
144 Charlton	Timiskaming	203	3	32,162	72	24
145 Frood Mine	Sudbury	80	1	168,227	12	12
Totals and Averages,	Group D	7,950	46	66,588	1,388	30
Grand Totals and Averages, All Towns		489,898	1,640	151,076	54,492	33
Totals and Averages, All Villages		147,764	602	149,373	18,960	31
Totals and Averages, all Urban		2,217,628	6,768	302,043	236,004	35
Totals and Averages, All Rural		1,225,507	7,221	122,486	158,405	22
Grand Totals and Averages, 1939		3,443,135	13,989	209,359	394,409	28
Grand Totals and Averages, 1938		3,394,228	14,119	204,010	408,118	29
Increases		48,907	....	5,349	....	....
Decreases		....	130	....	3,709	1

COUNTIES—Group A—Towns with population over 6,000.
" B— " " " " 4,000 and under 6,000.
" C— " " " " 2,000 " " 4,000.
" D— " " " under 2,000.

DISTRICTS—Group A—Towns with population over 10,000.
" B— " " " " 2,000 and under 10,000.
" C— " " " " 1,000 " " 2,000.
" D— " " " under 1,000.

A Ordinary schools limited to those with less than 6 teachers.
B Local assessment for the Districts (and all municipalities therein), all Cities, and the seven separated towns—Equalized assessment in all other cases.
C Average Daily Attendance for the calendar year.
D In Default.
E Includes Debenture levy.
F General Maintenance.
G Payments on debentures or into sinking fund.
H Including arrears, but excluding sinking fund.
I New schools opened in the fall of 1938.
J Total debt against total assessment.
K Exclusive of those in default.
L Includes $5,549 annual instalment on school purchased from Collegiate Institute.
M Gross.
N Paid on assumption from Saltfleet Township.
P No payment. Debenture just issued.
Q Includes Continuation School.
R In the case of the Districts, the Province pays the equivalent of the County Grant. This is included in the Legislative Grant figure.
S Approximate. Exact figures not available due to refinancing.
T Includes section, township, and county levies.
NOTE: In calculating group averages, the totals in each group are used as the bases.

STATISTICS, 1939

	Major Sources of Receipts		Disbursements		Cost per Pupil-Day (cents)			Debenture Indebtedness H	
	School District Levy E	Legislative Grant	Current F	Capital G	Current	Capital	Total	Amount	Per $1,000 of Assessment B
	$	$	$	$				$	$ c.
130	14,330	1,892	12,623	6,869	49.7	27.0	76.7	62,600	141.80
131	4,324	2,064	7,239	....	33.4	....	33.4	....	....
132	4,383	936	3,615	1,816	15.3	7.6	22.9	16,538	64.91
133	4,035	1,743	6,467	....	17.5	....	17.5	....	....
134	2,692	1,397	3,009	154	18.7	1.0	19.7	154	1.83
135	5,343	5,371	4,450	1,043	23.3	5.4	28.7	19,819	128.48
136	4,058	1,236	4,054	2,101	22.6	11.7	34.3	12,713	52.70
137	3,137	1,701	5,147	....	27.8	....	27.8	....	....
138	1,500	1,245	3,065	....	21.4	....	21.4	....	....
139	3,700	627	4,199	....	45.0	....	45.0	....	....
140	5,346	1,433	6,312	299	32.1	1.5	33.6	1,276	5.16
141	2,315	813	2,222	....	15.8	....	15.8	....	....
142	700	452	1,051	....	10.3	....	10.3	....	....
143	1,220	1,224	2,558	....	25.2	....	25.2	....	....
144	3,266	3,262	6,562	....	45.8	....	45.8	....	....
145	1,514	40	1,658	....	65.7	....	65.7	....	....
	61,863	25,436	74,231	12,282	27.1	4.4	31.5	113,100	40.27
	2,749,144	342,687	2,627,241	454,746	25.0	4.3	29.3	3,965,555	16.0
	820,015	177,282	906,676	143,574	24.4	3.9	28.3	1,198,781	13.33
	17,490,608	1,007,438	15,524,699	3,038,323	33.7	6.6	40.3	25,705,925	12.57
	7,302,144T	2,585,775	8,877,203	784,537	28.7	2.5	31.2	7,921,494	8.96
	24,792,752	3,593,213	24,401,902	3,822,860	31.7	5.0	36.7	33,627,419	11.48
	24,525,587	3,439,051	24,060,099	3,987,687	30.3	5.1	35.4	36,960,871	12.83
	167,165	54,162	341,803	....	1.4	....	1.3	....	....
	....	....	....	164,827	....	.1	....	3,333,452	1.35

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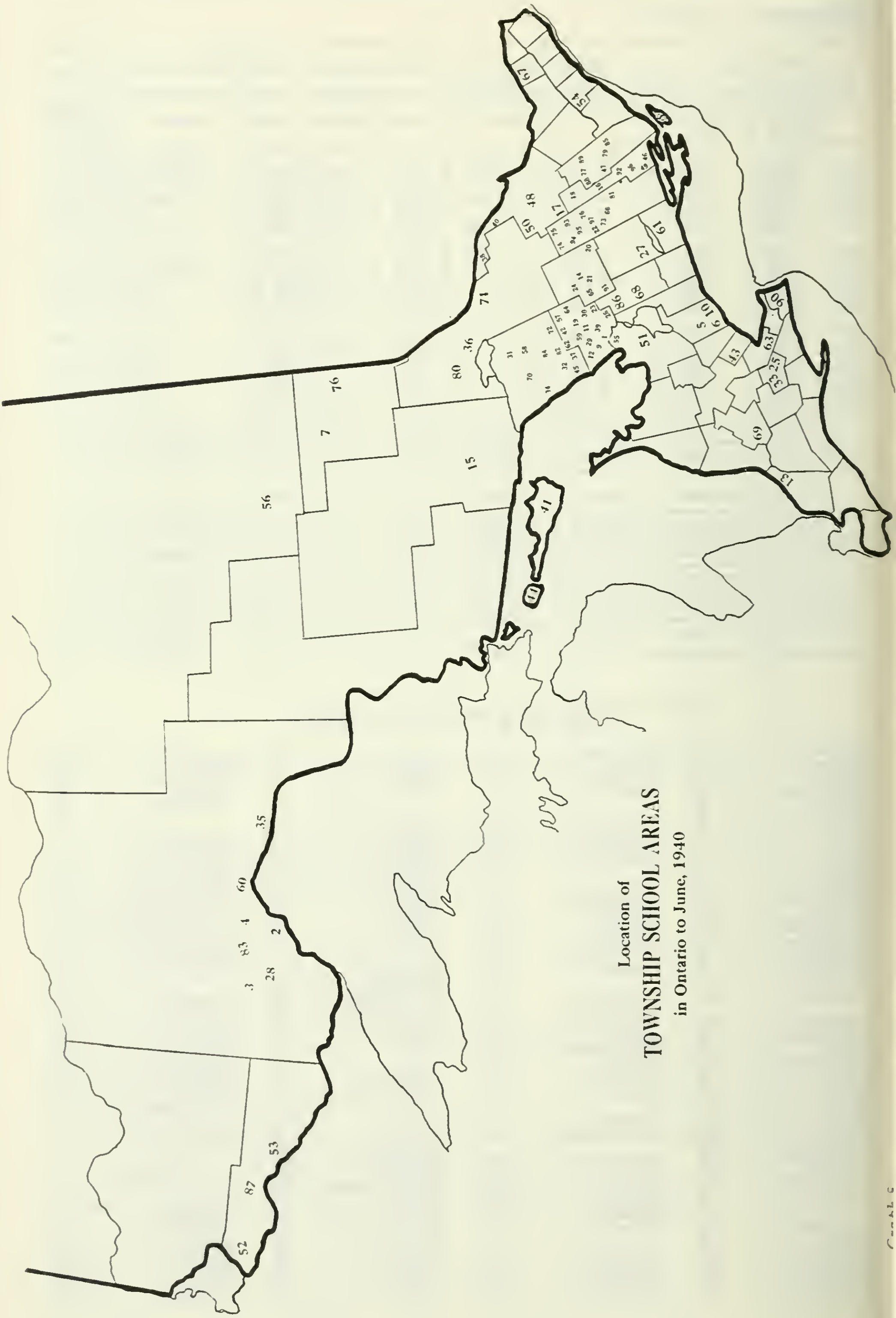
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Location of

TOWNSHIP SCHOOL AREAS

in Ontario to June, 1940

TOWNSHIP SCHOOL AREAS

(Formed to June, 1940)

Year of Formation	Number in Order of Formation	Township	Number of School Sections	County or District
1920	1	Morrison		Muskoka
1925	2	Blake	5	Thunder Bay
	3	Conmee	4	Thunder Bay
	4	Neebing	3	Thunder Bay
1928	5	York North	4	York
1932	6	York	3	York
	7	Teck and Lebel (Kirkland Lake)	12	Timiskaming
1934	8	Amherst Island	2	Lennox
1935	9	Muskoka	5	Muskoka
1936	10	York East	3	York
	11	Macaulay	5	Muskoka
1937	12	Medora and Wood	6	Muskoka
	13	Bosanquet	13	Lambton
	14	Dysart	2	Haliburton
1938	15	Waters	12	Sudbury
	16	Kaladar, Anglesea, and Effingham	2	Addington
	17	Griffith and Matawatchan	7	Renfrew
	18	Denbigh, Abinger, and Ashby	2	Addington
	19	Brunel	8	Muskoka
	20	Cardiff	7	Haliburton
	21	Glamorgan	6	Haliburton
	22	Faraday	3	Hastings
	23	Oakley	6	Muskoka
	24	Stanhope	3	Haliburton
	25	Onondaga	4	Brant
	26	Ryde	5	Muskoka
	27	Otonabee	4	Peterborough
	28	O'Connor	5	Thunder Bay
			4	
1939	29	Monck	5	Muskoka
	30	McLean	4	Muskoka
	31	Machar	6	Parry Sound
	32	Christie	5	Parry Sound
	33	Brantford	5	Brant
	34	Carling	5	Parry Sound
	35	Schreiber	1	Thunder Bay
	36	Ferris West	1	Nipissing
	37	Humphrey	5	Parry Sound
	38	Head, Clara and Maria	4	Renfrew
	39	Draper	8	Muskoka
	40	Rolph, Buchanan and Wylie	6	Renfrew
	41	Sandfield	3	Manitoulin
	42	Stisted	7	Muskoka
	43	Nassagaweya	7	Halton
	44	Cockburn Island	2	Manitoulin
	45	Foley	3	Parry Sound
	46	Fredericksburgh South	6	Lennox
	47	Kennebec	9	Frontenac
	48	Algona South	2	Renfrew
	49	Adolphystown	3	Lennox

Year of Formation	Number in Order of Formation	Township	Number of School Sections	County or District
1939	50	Sherwood, Jones and Burns	6	Renfrew
	51	Oro	3	Simcoe
	52	Atwood	4	Rainy River
	53	Alberton	3	Rainy River
	54	Wolford	12	Grenville
	55	Matchedash	4	Simcoe
	56	Whitney	2	Cochrane
	57	Chaffey	8	Muskoka
	58	Chapman	4	Parry Sound
	59	Stephenson	4	Muskoka
	60	McGregor (Shuniah)	8	Thunder Bay
	61	Alnwick	3	Northumberland
	62	Cardwell	5	Muskoka
	63	Binbrook	6	Wentworth
	64	Franklin	5	Muskoka
	65	Minden	8	Haliburton
	66	Limerick	3	Hastings
	67	Cumberland	5	Russell
	68	Carden	4	Victoria
	69	Blanshard	2	Perth
	70	Hagerman	5	Parry Sound
	71	Cameron	3	Nipissing
1940	72	Perry	7	Parry Sound
	73	Wollaston	6	Hastings
	74	McClure and Wicklow	4	Hastings
	75	Bangor	3	Hastings
	76	Casey	2	Timiskaming
	77	Clarendon	7	Frontenac
	78	Mayo	4	Hastings
	79	Olden	6	Frontenac
	80	Widdifield	6	Nipissing
	81	Elzevir	7	Hastings
	82	McMurrich	4	Parry Sound
	83	Oliver	5	Thunder Bay
	84	Ryerson	5	Parry Sound
	85	Oso	9	Frontenac
	86	Dalton	4	Victoria
	87	Kingsford (Unorganized Twp.)	2	Rainy River
	88	Barrie	5	Frontenac
	89	Palmerston	7	Frontenac
	90	Crowland	2	Welland
	91	Lutterworth	7	Haliburton
	92	Richmond	5	Lennox
	93	Carlow	5	Hastings
	94	Monteagle and Herschel (1)	6	Hastings
	95	Monteagle and Herschel (2)	7	Hastings
	96	Fredericksburgh North	7	Lennox
	97	Dungannon	7	Hastings

TABLE 15—PERCENTAGE ANALYSIS OF CURRENT EXPENSES IN CITIES, AND IN TOWNS WITH POPULATION OVER 6,000, FOR THE YEAR 1939

Cities	Assessed Population	Teachers' Salaries	Plant Operation	Plant Maintenance	Administration	Instructional Supplies	Auxiliary Agencies
Toronto	649,123	76.5	9.1	6.1	5.5	2.6	.2
Hamilton	154,690	80.8	11.0	3.5	1.9	2.7	.1
Ottawa	145,183	75.1	11.5	4.2	2.1	3.2	3.9
Windsor	102,680	69.0	14.6	5.0	3.5	3.6	4.3
London	74,000	68.8	11.0	8.8	2.6	4.5	4.3
Kitchener	33,080	77.0	11.6	3.4	2.6	3.0	2.4
Brantford	31,309	75.5	13.1	4.6	2.3	4.5	....
Sudbury	29,186	71.9	14.8	5.1	1.9	3.9	2.4
St. Catharines	27,756	69.6	11.3	6.6	2.3	5.2	5.0
Oshawa	24,938	75.9	13.9	3.4	2.5	2.7	1.6
Fort William	24,843	73.9	13.2	5.2	1.5	3.4	2.8
Peterborough	24,017	72.9	10.1	7.7	1.7	2.7	4.9
Sault Ste. Marie	23,908	69.0	15.6	8.3	2.6	2.4	2.1
Kingston	23,989	69.0	12.1	11.6	2.4	3.2	1.7
Guelph	21,518	71.7	13.7	5.7	3.4	4.1	1.4
Port Arthur	21,284	72.0	15.7	7.8	1.2	2.4	.9
Niagara Falls	18,770	72.1	13.3	7.4	2.2	1.9	3.1
Sarnia	18,218	75.6	11.2	5.6	3.2	3.3	1.1
Stratford	17,159	76.0	14.7	3.9	1.2	3.3	.9
Chatham	16,910	80.2	9.1	4.9	.6	2.5	2.7
St. Thomas	16,362	72.6	13.0	7.4	2.8	4.2	....
North Bay	15,797	73.0	18.4	4.8	1.5	2.1	.2
Belleville	14,678	74.5	12.2	2.9	3.1	3.9	3.4
Galt	14,286	73.0	12.8	3.7	2.3	4.8	3.4
Owen Sound	13,659	70.6	12.2	2.1	1.7	6.1	7.3
Woodstock	11,418	69.2	13.7	10.0	1.5	5.3	.3
Welland	11,205	73.1	14.6	4.6	2.3	3.3	2.1
Averages	....	75.2	10.8	5.7	3.9	3.0	1.4
Towns							
Cornwall	13,543	80.1	12.7	3.9	2.1	1.0	.2
Pembroke	10,412	66.4	18.2	3.4	2.0	5.5	4.5
Brockville	9,961	71.0	16.5	3.8	.9	5.7	2.1
Orillia	9,088	69.9	17.8	5.1	2.2	4.8	.2
Waterloo	8,623	72.0	11.8	5.1	1.1	6.9	3.1
Barrie	8,446	66.0	13.3	10.2	1.5	4.4	4.6
Smith's Falls	7,672	77.8	11.7	4.9	2.2	1.8	1.6
Eastview	*7,245	49.7	28.5	16.4	2.4	2.9	.1
Trenton	7,222	74.9	15.5	2.6	1.7	3.2	2.1
Lindsay	7,203	73.6	18.4	4.0	1.0	2.7	.3
New Toronto	7,175	67.6	15.0	4.7	3.2	4.7	4.8
Mimico	7,012	72.5	13.2	6.3	2.7	1.3	4.0
Midland	6,600	70.4	14.8	6.3	4.1	2.4	2.0
Port Colborne	6,483	73.0	15.0	8.7	1.5	1.8	....
Preston	6,292	74.8	11.9	3.5	1.6	6.6	1.6
Simcoe	6,263	75.3	15.1	6.7	1.1	1.6	.2
Hawkesbury	6,203	57.8	24.3	9.8	4.2	3.9	....
Averages	....	75.3	15.1	5.8	2.0	3.7	2.1

*Comparatively small Public School population.

TABLE 16—CONSOLIDATED SCHOOLS, 1939-40

No.	Consolidated School	County or District	Sections Consolidated	Assessment	No. of Teachers	Grade of Certificate I	Grade of Certificate II	Enrolment	No. Conveyed	Average Attendance	Attendance Efficiency Percentage	No. in Fifth Class	No. in Continuation School
1	Barwick	Rainy River	4, 11, 12 Barwick	$96,490	3	3	......	95	38	78.63	91.8	5	....
2	Burriss	Rainy River	1, 2 Burriss	53,310	3	1	2	59	51	47.54	90.0	10	....
3	Byng Inlet	Parry Sound	2 Wallbridge, 1 Henvy	55,475	3	3	......	139	49	118.51	93.0	4	....
4	Charlton	Timiskaming	2, 6 Dack, Charlton Town	96,487	3	2	1	97	54	75.13	90.3	5	....
5	Dorion	Thunder Bay	1, 2, 3 Dorion	77,932	3	3	......	85	67	71.69	87.2	4	....
6	Falls View	Welland	7, 8 Stamford	4,858,215	8	7	1	284	78	254.24	95.4	......	....
7	Gooderham	Haliburton	3, 4, 5 Glamorgan	33,000	3	......	3	85	42	62.62	91.9	9	....
8	Grant	Carleton	3, 15 Nepean	524,217	4	4	......	146	18	108.60	92.5	......	....
9	Grantham	Lincoln	5, 6 Grantham	404,600	8	8	......	310	50	255.10	90.3	45	....
10	Hudson	Timiskaming	Hudson Township	143,535	2	1	1	80	62	65.61	95.4	9	....
11	Humber Heights	York	3 Etobicoke (3 schools)	585,360	7	6	1	289	90	257.68	92.3	......	....
12	Katrine	Parry Sound	1, 5 Armour	55,568	1	1	......	35	27	25.13	88.1	2	....
13	Macdonald	Wellington	6½, 7 Guelph	442,855	5	3	2	154	*	135.74	94.7	25	....
14	Mallorytown	Leeds	4, 5, 6 Front of Yonge, 17 Front of Escott	238,860	4	2	2	135	63	117.02	89.6	......	60
15	Mindemoya	Manitoulin Island	1, 4 Carnarvon	89,910	4	3	1	116	54	97.39	86.8	......	40
16	Morley	Rainy River	7 Morley, 9 Morley and Dilke, 1 Long Sault	178,388	3	......	3	116	90	101.67	93.1	12	....
17	Nipigon	Thunder Bay	1, 2, 3 Nipigon	629,227	5	5	......	216	27	173.07	90.1	......	24
18	Nobel	Parry Sound	1 Carling, 3 MacDougall	217,623	2	2	......	81	58	68.05	89.1	7	....
19	North Mountain	Dundas	9, 12, 13, 14 Mountain	315,075	7	5	2	143	126	130.54	90.2	......	41
20	Pointe au Baril	Parry Sound	1, 2 Harrison	308,500	1	1	......	32	29	17.88	86.4	2	....
21	Quibell	Kenora	1, 2, 3, Wabigoon, 1 Redvers	51,500	2	2	......	43	30	38.25	92.7	2	....
22	Savard	Timiskaming	1, 2, Savard, 2 Robillard	71,415	2	1	1	102	102	62.71	80.6	11	....
23	Sundridge	Parry Sound	6, 4 Strong, Sundridge Village	235,000	5	4	1	183	38	158.55	90.1	......	42
24	Tamworth	Lennox and Addington	3, 6, 7 Sheffield, 28 Camden	304,931	3	2	1	214	75	107.76	91.6	......	93
25	Tweed	Hastings	3, 5 Hungerford, Tweed Village	794,503	6	5	1	216	78	180.88	90.1	......	....
26	Wellington	Prince Edward	10, 11, 14 Hillier, 9, 10 Hallowell, Wellington Village	1,576,499	9	6	3	325	146	297.19	91.3	......	78
27	West Guilford	Haliburton	2, 5, 6 Guilford	31,761	3	2	1	92	81	79.11	88.7	9	....
28	Wilberforce	Haliburton	2, 6, Monmouth, 8 Cardiff	31,733	3	2	1	55	20	45.88	92.7	......	11
			Totals	....	112	84	28	3,827	1,543	3,232.17	90.6 (Aver.)	161	389

*Students conveyed by street cars.

TABLE 16—CONSOLIDATED SCHOOLS, 1939-40

No.	Consolidated School	Cost of Operation					Legislative Grants					Cost per Pupil of Average Attendance		
		Teachers' Salaries	Transportation	Total Current	Capital Charges	Gross Cost	General	Transportation	Special on Salaries and Equipment	Fifth Class and Continuation School	Total	To Section	To Government	Total
		$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.	$ c.
1	Barwick.........	2,619.00	1,150.00	5,286.03	1,598.32	6,884.35	2,158.25	742.77	300.00	288.00	3,469.02	43.18	44.37	87.55
2	Burriss..........	2,700.00	2,539.05	6,480.51	1,452.98	7,933.49	2,223.82	1,493.63	300.00	247.50	4,264.98	77.19	89.71	166.90
3	Byng Inlet......	3,200.00	1,502.00	7,457.70	348.74	7,806.44	3,049.94	901.22	305.90	221.76	4,478.82	28.08	37.79	65.87
4	Charlton........	2,575.35	2,346.40	7,082.70	....	7,082.70	1,480.34	1,407.84	302.15	292.41	3,482.74	47.91	46.36	94.27
5	Dorion..........	2,650.00	2,209.80	6,730.00	983.71	7,713.71	2,290.53	1,431.60	317.50	198.00	4,237.63	48.62	58.97	107.59
6	Falls View.......	10,980.40	1,782.89	38,839.34	....	38,839.34	2,260.80	1,782.89	800.00	....	4,843.69	133.72	19.05	152.77
7	Gooderham......	2,450.00	2,219.50	5,227.50	....	5,227.50	2,430.66	1,268.10	300.00	230.40	4,229.16	15.94	67.54	83.48
8	Grant...........	4,800.00	343.03	8,647.91	6,157.96	14,805.87	1,275.75	147.00	425.00	....	1,847.75	119.31	17.01	136.32
9	Grantham.......	8,550.00	1,000.00	12,963.92	....	12,963.92	3,597.47	300.00	800.00	147.82	4,845.29	31.83	18.99	50.82
10	Hudson	1,850.00	1,733.60	4,774.29	....	4,774.29	708.70	1,100.16	217.50	160.81	2,187.17	39.43	33.33	72.76
11	Humber Heights..	7,800.00	1,329.00	13,222.11	6,210.42	19,432.53	3,405.20	398.93	700.00	....	4,504.13	57.93	17.48	75.41
12	Katrine.........	1,000.00	709.80	2,131.26	....	2,131.26	511.51	464.25	100.00	....	1,075.76	41.99	42.81	84.80
13	Macdonald......	5,915.00	150.00	8,485.50	....	8,485.50	1,950.42	45.21	500.00	141.86	2,637.49	43.06	19.43	62.49
14	Mallorytown.....	4,498.00	2,085.00	9,941.06	2,615.55	12,556.61	452.80	958.39	400.00	1,138.05	2,949.24	82.10	25.20	107.30
15	Mindemoya......	3,990.00	1,100.60	7,314.58	1,482.00	8,796.50	1,735.24	660.36	400.00	1,098.28	3,893.88	50.34	39.98	90.32
16	Morley..........	2,450.00	3,019.55	7,006.51	1,220.52	8,227.03	1,443.24	1,866.03	300.00	329.83	3,939.10	42.18	38.74	80.92
17	Nipigon.........	6,130.39	2,064.96	11,750.04	1,887.86	13,637.90	1,659.53	1,238.98	600.00	845.51	4,344.02	53.70	25.09	78.79
18	Nobel...........	2,533.00	2,826.00	6,938.92	805.86	7,744.78	934.36	1,695.60	200.00	171.83	3,001.79	69.70	44.11	113.81
19	North Mountain..	7,329.50	3,960.00	14,909.05	4,383.28	19,292.33	1,637.98	1,783.60	700.00	874.36	4,995.94	109.50	38.27	147.77
20	Pointe au Baril...	1,200.00	1,362.00	3,563.34	596.39	4,159.73	179.26	817.20	100.00	....	1,096.46	171.32	61.32	232.64
21	Quibell..........	1,600.00	2,313.71	4,521.41	711.07	5,232.48	1,170.72	1,382.22	218.00	221.40	2,992.34	58.56	78.23	136.79
22	Savard..........	2,425.00	3,360.06	12,030.56	1,002.62	13,033.18	1,479.64	2,106.04	261.39	228.31	4,075.38	142.84	64.99	207.83
23	Sundridge.......	5,400.00	1,080.50	7,976.41	....	7,976.41	1,272.20	648.30	528.00	1,130.65	3,579.15	27.74	22.57	50.31
24	Tamworth.......	2,550.00	2,399.20	6,155.16	....	6,155.16	1,048.90	1,419.12	300.00	1,252.46	4,020.48	19.82	37.33	57.15
25	Tweed..........	5,700.00	3,548.40	11,691.66	871.80	12,573.46	1,585.28	1,214.38	600.00	3,619.00	7,018.66	30.71	38.80	69.51
26	Wellington.......	10,971.50	3,415.00	17,035.73	8,256.00	26,391.73	1,088.87	1,034.10	1,000.00	613.41	3,736.38	76.23	12.57	88.80
27	West Guilford....	2,279.50	1,835.50	4,872.26	....	4,872.26	1,702.93	1,101.30	300.00	198.00	3,302.23	19.84	41.74	51.58
28	Wilberforce......	2,500.00	492.50	3,651.51	....	3,651.51	823.43	292.50	300.00	441.65	1,857.58	39.10	40.48	79.59
	Totals.......	118,646.64	53,878.05	256,686.97	40,585.18	297,272.15	45,557.77	29,701.72	11,575.44	14,091.30	100,926.23	60.74	31.23	91.97

TABLE 17—DISTRIBUTION OF LOW ATTENDANCE SCHOOLS, FOR THE CALENDAR YEAR, 1940

(A) Average Attendance (1-10)

Counties	Average Attendance										
	1	2	3	4	5	6	7	8	9	10	Total
Addington			1	1			1	1	2	2	8
Brant							1			2	3
Bruce					1	4	2	9	6	16	38
Carleton					1		7	2	1	1	12
Dufferin			1	1		1	5		5	4	17
Dundas					1	1	1	4	2	1	10
Durham					1	1	1	7	2	4	16
Elgin								3	2	3	8
Essex						1					1
Frontenac		2		1	8	3	6	5	6	7	38
Glengarry						1	2	3	4	2	12
Grenville				1	1	2	3	2	3	1	13
Grey		1		2	2	2	7	4	11	7	36
Haldimand							1	1	2		4
Haliburton			1			1	1	2	4	1	10
Halton							1		4	1	6
Hastings		1			3	4	3	6	7	9	33
Huron							4	11	8	7	30
Kent							1	2		1	4
Lambton			1	2	1	2	4	3	5	10	28
Lanark		1	1		2	6	8	6	11	6	41
Leeds				1	1	4	6	16	11	3	42
Lennox					1	2	4	5		3	15
Lincoln									1	1	2
Middlesex			1		2	3	4	7	13	9	39
Norfolk								1			1
Northumberland						2	1	3	3	3	12
Ontario				1		2	2	2	5	5	17
Oxford								1	1		2
Peel							3	1	2	5	11
Perth						1	1	2	5	1	10
Peterboro				2	3	2		1	2	2	12
Prescott		1		1	1	3	5	2	3	2	18
Prince Edward					1	1	4	3	7	3	19
Renfrew						4	3	5	6	4	22
Russell					2			2			4
Simcoe					2	3	2	3	6	7	23
Stormont				1		2	3	1	2	3	12
Victoria				1	2	3	2	8	8	6	30
Waterloo								3	1		4
Wellington							3	4	8	2	17
York								1		2	3
Totals		6	6	15	36	61	102	142	169	146	683
Districts											
Algoma			1			1	3	1	5		11
Cochrane		1				1	1	1	4	4	12
Manitoulin							1		3		4
Muskoka						1	1	1		2	5
Nipissing				1			1	1	1	1	5
Parry Sound				2	1	2		2	7	3	17
Rainy River								1	3		4
Sudbury					1	4	5	3	1	2	16
Thunder Bay						1	2	3	2	4	12
Timiskaming						1		1		1	3
Totals		1	1	3	2	11	14	14	26	17	89
Grand Totals		7	7	18	38	72	116	156	195	163	772

TABLE 17—LOW ATTENDANCE SCHOOLS, CALENDAR YEAR, 1940

(B) Costs

(I) Schools with an Average Attendance of 1 to 5

	Number of Schools	Pupil-Days Attended	Average Daily Attendance per School	Current Disbursements for the Year			Legislative Share	Cost per Pupil-Day (in cents) (General maintenance only)			Average Cost per Pupil-Day for all Ordinary Rural Public Schools in the Province
				General Maintenance	Capital Outlays	Total		To Locality (Net)	To Gov't.	Total	
				$	$	$	$				
Counties	63	49,749	4.12	46,388	67	46,455	14,977	63.1	30.1	93.2	....
Districts	7	4,091	3.25	4,120	....	4,120	2,690	35.0	65.7	100.7	....
Province	70	53,840	4.04	50,508	67	50,575	17,667	61.0	32.8	93.8	....

(II) Schools with an Average Attendance of 6 to 10

	Number of Schools	Pupil-Days Attended	Average Daily Attendance per School	General Maintenance	Capital Outlays	Total	Legislative Share	To Locality (Net)	To Gov't.	Total	Average Cost per Pupil-Day for all Ordinary Rural Public Schools in the Province
				$	$	$	$				
Counties	620	1,019,548	8.42	556,715	19,173	575,888	126,398	42.2	12.4	54.6	....
Districts	82	133,577	8.38	77,821	4,654	82,475	51,815	19.2	38.2	57.4	....
Province	702	1,153,125	8.41	634,536	23,827	658,363	178,213	39.5	15.5	55.0	....

(III) Schools with an Average Attendance of 1 to 10

	Number of Schools	Pupil-Days Attended	Average Daily Attendance per School	General Maintenance	Capital Outlays	Total	Legislative Share	To Locality (Net)	To Gov't.	Total	Average Cost per Pupil-Day for all Ordinary Rural Public Schools in the Province
				$	$	$	$				
Counties	683	1,069,297	8.03	603,103	19,210	622,313	141,375	43.2	13.2	56.4	28.0
Districts	89	137,668	7.98	81,941	4,654	86,595	54,505	19.9	39.6	59.5	31.6
Province	772	1,206,965	8.02	685,044	23,894	708,938	195,880	40.6	16.2	56.8	28.6

Welland, Wentworth and Kenora have no low attendance schools in 1940. 38 low attendance schools were closed in 1940, bringing the total of such schools not in operation to 197.

TABLE 18—PROTESTANT SEPARATE SCHOOLS, 1939

	S.S. 1 Grattan (Renfrew)	S.S. 2 Hagarty (Renfrew)	L'Orignal Village (Prescott)	Penetanguishene Town (Simcoe)	Totals
Number of Schools	1	1	1	1	4
RECEIPTS:					
Balances from 1938	$445.72	$5.30	$178.62	$644.48	$1,274.12
Legislative Grants	138.36	417.21	197.50	1,712.68	2,465.75
School District Levy	543.83	400.00	477.25	10,714.74	12,135.82
Other Sources	26.56	255.01	.50	3.96	286.03
Totals	$1,154.47	$1,077.52	$853.87	$13,075.86	$16,161.72
DISBURSEMENTS:					
Teachers' Salaries	$620.00	$700.00	$600.00	$5,300.00	$7,220.00
Other Current	221.78	79.26	88.52	2,613.80	3,033.36
Total Current	$841.78	$779.26	$688.52	7,943.80	$10,253.36
Capital Outlays	$100.00	....	....	$5,124.54	$5,224.54
Repayment of Temporary Loans	....	$250.00	....	....	250.00
Totals	$941.78	$1,029.26	$688.52	$13,068.34	$15,727.90
†Balance on hand, December 31, 1939	$213.29	$49.46	$165.35	$10.52	$438.62
Cost of Education per Pupil-Day (in cents)	19.2	28.2	57.4	28.3	28.2
*TEACHERS:					
Male	....	1	....	1	2
Female	1	....	1	4	6
Certificates	II	1	1	2(I), 2(II), 1(K.P.)	4(I), 3(II), 1(K.P.)
*PUPILS:					
Total Enrolment	26	20	11	169	226
Boys	14	9	6	95	124
Girls	12	11	5	74	102
Average Attendance	22	14	9	141	186

*School Year, 1939-40.

†The fact that the accounts do not balance is due to the amount of superannuation liability included in this cash balance.

Courtesy Toronto Star

Here we have in a Toronto garden four war refugee children. One comes from Scotland, one from Borneo, and two from India.

THE ROMAN CATHOLIC SEPARATE SCHOOLS

TABLE 19—AGE-GRADE DISTRIBUTION, MAY, 1940

(A) ALL SCHOOLS

		Under 5 yrs.	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 yrs	17 yrs	18 yrs	19 yrs and over	Totals	Totals by Grade	Percent of Total Enrolment	Average Age		Average Increment of Age Between Grades		
																					By Sex	Average		By Sex	Average
GRADE I...	Boys	6	165	2721	3369	1261	396	151	69	32	10	2	3	1	....	....	....	8186	15565	15.2	7.50	7.42			
	Girls	7	158	2777	3155	938	217	74	30	14	5	2	1	1	....	....	....	7379			7.33				
GRADE II..	Boys	....	....	49	1802	2926	1457	605	207	80	39	17	3	....	....	....	....	7185	13664	13.4	8.78	8.64	Grade I to Grade II	1.28	1.22
	Girls	....	....	102	2050	2839	1025	309	92	42	15	2	3	....	....	....	....	6479			8.49			1.16	
GRADE III.	Boys	....	....	2	155	1465	2526	1447	649	321	137	44	16	2	....	....	....	6764	12862	12.6	9.91	9.76	Grade II to Grade III	1.13	1.12
	Girls	....	....	2	142	1780	2503	1053	384	159	54	15	6	....	....	....	....	6098			9.59			1.10	
GRADE IV.	Boys	....	....	....	3	223	1266	2016	1347	735	338	137	40	4	....	....	....	6109	11800	11.5	10.97	10.79	Grade III to Grade IV	1.06	1.03
	Girls	....	....	....	8	295	1617	2033	1038	432	182	73	11	2	....	....	....	5691			10.60			1.01	
GRADE V..	Boys	....	....	....	....	8	319	1360	1709	1227	745	378	103	16	....	....	....	5865	11543	11.3	11.90	11.74	Grade IV to Grade V	.93	.95
	Girls	....	....	....	....	16	462	1535	1806	1095	512	192	54	5	1	....	....	5678			11.58			.98	
GRADE VI.	Boys	....	....	....	....	....	10	430	1220	1507	1100	668	287	83	3	1	....	5315	10616	10.4	12.79	12.60	Grade V to Grade VI	.89	.86
	Girls	....	....	....	....	....	26	663	1511	1493	951	481	146	27	2	1	....	5301			12.42			.84	
GRADE VII	Boys	....	....	....	....	....	1	37	528	1334	1390	1061	566	149	20	2	....	5088	10563	10.3	13.54	13.41	Grade VI to Grade VII	.75	.81
	Girls	....	....	....	....	....	1	52	751	1676	1553	976	368	90	8	....	....	5475			13.29			.87	
GRADE VIII	Boys	....	....	....	....	....	....	1	42	563	1299	1442	1032	421	82	14	1	4897	10029	9.8	14.42	14.28	Grade VII to Grade VIII	.88	.87
	Girls	....	....	....	....	....	....	3	78	784	1622	1451	843	278	48	24	1	5132			14.15			.86	
GRADE IX.	Boys	....	....	....	....	....	....	....	....	14	185	371	335	171	55	8	....	1139	2816	2.8	15.03	14.97	Grade VIII to Grade IX	.66	.69
	Girls	....	....	....	....	....	....	....	2	42	316	599	458	198	48	10	4	1677			14.89			.74	
GRADE X..	Boys	....	....	....	....	....	....	....	....	....	20	170	305	207	96	32	11	841	1985	1.9	15.89	15.87	Grade IX to Grade X	.81	.90
	Girls	....	....	....	....	....	....	....	....	1	27	207	465	267	141	24	12	1144			15.85			.96	
Jr. Auxiliary Classes....	Boys	....	....	....	....	10	29	48	73	83	82	88	59	25	7	....	....	504	737	.8	13.04	13.01	....	....	....
	Girls	....	....	....	....	8	14	27	26	40	35	42	29	10	2	....	....	233			12.94		....	....	....
TOTALS BY SEXES....	Boys	6	165	2772	5329	5893	6004	6095	5844	5896	5351	4378	2749	1079	263	57	12	51893	......	......	......	......	Average.......	.93	.94
	Girls	7	158	2881	5355	5876	5865	5749	5718	5778	5272	4040	2384	878	250	59	17	50287	......	......	......	......		.94	
Grand Totals	.....	13	323	5653	10684	11769	11869	11844	11562	11674	10623	8418	5133	1957	513	116	29	102180							

Heavy lines denote ideal age apread for each grade.

(B) URBAN SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades
GRADE I	Boys	6	99	2,101	2,418	840	233	85	31	12	3	......	......	1	......	......	......	5,829	11,219
	Girls	2	97	2,091	2,335	670	123	42	20	6	2	1	1	......	......	......	......	5,390	
GRADE II	Boys	......	......	30	1,409	2,226	1,024	421	133	47	15	7	2	......	......	......	......	5,314	10,202
	Girls	......	......	55	1,625	2,175	734	206	64	24	5	......	......	......	......	......	......	4,888	
GRADE III	Boys	......	......	2	132	1,141	1,921	1,044	436	224	91	33	10	......	......	......	......	5,034	9,662
	Girls	......	......	2	108	1,409	1,926	762	269	102	35	12	3	......	......	......	......	4,628	
GRADE IV	Boys	......	......	......	1	170	1,005	1,553	961	513	222	91	26	4	......	......	......	4,546	8,866
	Girls	......	......	......	3	213	1,264	1,614	739	314	118	47	8	......	......	......	......	4,320	
GRADE V	Boys	......	......	......	......	7	255	1,090	1,277	861	525	275	80	11	......	......	......	4,381	8,665
	Girls	......	......	......	......	13	359	1,153	1,359	829	370	151	41	5	1	......	......	4,284	
GRADE VI	Boys	......	......	......	......	......	8	374	994	1,183	817	515	235	72	3	1	......	4,202	8,314
	Girls	......	......	......	......	......	19	535	1,173	1149	711	383	116	25	1	......	......	4,112	
GRADE VII	Boys	......	......	......	......	......	1	29	435	1,089	1,069	817	462	128	17	2	......	4,049	8,338
	Girls	......	......	......	......	......	......	41	608	1,319	1,212	727	294	81	7	......	......	4,289	
GRADE VIII	Boys	......	......	......	......	......	......	1	37	465	1,049	1,169	828	336	69	13	1	3,968	8,150
	Girls	......	......	......	......	......	......	2	58	665	1,307	1,148	708	231	38	24	1	4,182	
GRADE IX	Boys	......	......	......	......	......	......	......	......	11	157	304	285	141	47	8	......	953	2,269
	Girls	......	......	......	......	......	......	......	......	31	244	467	367	157	36	8	3	1,316	
GRADE X	Boys	......	......	......	......	......	......	......	......	......	17	143	246	178	81	27	9	701	1,614
	Girls	......	......	......	......	......	......	......	......	......	21	166	388	211	103	16	8	913	
JR. AUXILIARY CLASSES	Boys	......	......	......	......	10	29	48	72	81	81	87	59	25	7	......	......	499	732
	Girls	......	......	......	......	8	14	27	26	40	35	42	29	10	2	......	......	233	
TOTALS BY SEXES	Boys	6	99	2,133	3,960	4,394	4,476	4,645	4,376	4,486	4,046	3,441	2,233	896	224	51	10	39,476	....
	Girls	2	97	2,148	4,071	4,488	4,439	4,382	4,316	4,482	4,060	3,144	1,958	720	188	48	12	38,555	....
GRAND TOTALS		8	196	4,281	8,031	8,882	8,915	9,027	8,692	8,968	8,106	6,585	4,191	1,616	412	99	22	....	78,031

(C) RURAL SCHOOLS

		Under 5 years	5 years	6 years	7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years and over	Totals	Totals by Grades
GRADE I...................	Boys	......	66	620	951	421	163	66	38	20	7	2	3	......	......	......	......	2,357	4,346
	Girls	5	61	686	820	268	94	32	10	8	3	1	......	1	......	......	......	1,989	
GRADE II..................	Boys	......	......	19	393	700	433	184	74	33	24	10	1	......	......	......	......	1,871	3,462
	Girls	......	......	47	425	664	291	103	28	18	10	2	3	......	......	......	......	1,591	
GRADE III.................	Boys	......	......	......	23	324	605	403	213	97	46	11	6	2	......	......	......	1,730	3,200
	Girls	......	......	......	34	371	577	291	115	57	19	3	3	......	......	......	......	1,470	
GRADE IV..................	Boys	......	......	......	2	53	261	463	386	222	116	46	14	......	......	......	......	1,563	2,934
	Girls	......	......	......	5	82	353	419	299	118	64	26	3	2	......	......	......	1,371	
GRADE V...................	Boys	......	......	......	......	1	64	270	432	366	220	103	23	5	......	......	......	1,484	2,878
	Girls	......	......	......	......	3	103	382	447	266	142	41	10	......	......	......	......	1,394	
GRADE VI..................	Boys	......	......	......	......	......	2	56	226	324	289	153	52	11	......	......	......	1,113	2,302
	Girls	......	......	......	......	......	7	128	338	344	240	98	30	2	1	1	......	1,189	
GRADE VII.................	Boys	......	......	......	......	......	......	8	93	245	321	244	104	21	3	......	......	1,039	2,225
	Girls	......	......	......	......	......	1	11	143	357	341	249	74	9	1	......	......	1,186	
GRADE VIII................	Boys	......	......	......	......	......	......	......	5	98	250	273	204	85	13	1	......	929	1,879
	Girls	......	......	......	......	......	......	1	20	119	315	303	135	47	10	......	......	950	
GRADE IX..................	Boys	......	......	......	......	......	......	......	......	3	28	67	50	30	8	......	......	186	547
	Girls	......	......	......	......	......	......	......	2	8	72	132	91	41	12	2	1	361	
GRADE X...................	Boys	......	......	......	......	......	......	......	......	......	3	27	59	29	15	5	2	140	371
	Girls	......	......	......	......	......	......	......	......	1	6	41	77	56	38	8	4	231	
JR. AUXILIARY CLASSES....	Boys	......	......	......	......	......	......	......	1	2	1	1	......	......	......	......	......	5	5
	Girls	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	
TOTALS BY SEXES..........	Boys	......	66	639	1,369	1,499	1,528	1,450	1,468	1,410	1,305	937	516	183	39	6	2	12,417	....
	Girls	5	61	733	1,284	1,388	1,426	1,367	1,402	1,296	1,212	896	426	158	62	11	5	11,683	....
GRAND TOTALS..................		5	127	1,372	2,653	2,887	2,954	2,817	2,870	2,706	2,517	1,833	942	341	101	17	7	....	24,149

TABLE 20—FINANCIAL

Rural Schools	Assessment per Classroom A	No. of Classrooms	A.D.A. for the Calendar Year B	A.D.A. Per Classroom	Major Sources of Receipts		
					School District Levy c	County Grant	Legislative Grant
In Counties	$				$	$	$
1 Middlesex	167,994	4	60	15	2,807	119	531
2 Huron	142,803	10	180	18	6,090	376	2,298
3 Lambton	134,151	2	31	16	1,504	42	408
4 Kent	125,452	16	382	24	13,586	728	3,698
5 Peel	124,965	1	6	6	665	68	225
6 Wellington	122,904	7	108	15	3,580	142	1,281
7 Essex	108,939	54	1,802	33	39,252	6,764	23,939
8 Victoria	107,139	3	55	18	1,940	65	610
9 Bruce	107,000	17	449	26	9,989	525	4,331
10 Waterloo	102,392	14	395	28	8,252	482	3,992
11 Perth	100,727	17	284	17	10,257	594	4,913
12 Norfolk	100,691	4	101	25	3,930	187	864
13 Ontario	94,317	2	51	25	948	127	604
14 Peterborough	93,646	5	86	17	3,298	118	1,182
15 Simcoe	87,827	9	262	29	7,952	415	2,477
16 Frontenac	74,042	10	110	11	5,946	214	2,448
17 Prescott	66,791	84	1,934	23	47,332	1,004	22,010
18 Grey	65,651	8	84	11	4,071	83	1,745
19 Russell	64,373	77	2,035	26	39,081	596	22,694
20 Lanark	62,010	3	36	12	1,652	48	755
21 Addington	58,893	2	46	23	1,201	12	762
22 Northumberland	56,918	5	56	11	2,176	106	1,455
23 York	54,259	47	1,814	39	27,030	1,134	46,685
24 Hastings	52,990	8	159	20	3,746	53	2,958
25 Renfrew	50,560	28	542	19	9,754	574	13,532
26 Carleton	50,398	46	1,258	27	24,600	1,165	26,311
27 Dundas	43,036	1	22	22	566	6	347
28 Glengarry	42,073	25	563	23	10,814	160	11,372
29 Stormont	32,290	35	948	27	3,934	450	10,982
30 Leeds	22,728	2	16	8	432	11	593
31 Wentworth	17,619	4	101	25	621	9	1,431
Totals and Averages	72,691	550	13,976	25	297,006	16,377	217,434
In Districts							
1 Manitoulin	35,516	2	70	35	2,258	....	1,459
2 Timiskaming	28,895	54	1,567	29	48,190	....	42,034
3 Thunder Bay	28,010	3	68	23	2,235	....	2,981
4 Rainy River	24,000	3	61	20	1,664	....	2,327
5 Kenora	18,000	1	30	30	460	....	975
6 Nipissing	15,496	60	1,625	27	21,613	....	46,042
7 Muskoka	15,200	2	64	32	296	....	1,495
8 Parry Sound	14,400	1	19	19	265	....	527
9 Sudbury	14,061	64	1,710	27	28,807	....	50,979
10 Cochrane	13,428	94	2,318	25	37,692	....	42,254
11 Algoma	8,709	15	371	25	4,622	....	18,417
Totals and Averages	16,772	299	7,903	26	148,102	....	209,490
Totals and Averages, All Rural	52,997	849	21,879	26	445,108	16,377	426,924

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	Disbursements		Cost per Pupil-Day (cents)			Debenture Indebtedness		Other Indebtedness	
	Current E	Capital F	Current	Capital	Total	Amount	Per $1,000 of Assessment	Amount	Per $1,000 of Assessment
	$	$				$	$ c.	$	$ c.
1	3,227	....	28.3	....	28.3	....	....	....	....
2	11,404	....	33.2	....	33.2	....	....	1,238	.87
3	1,581	....	26.2	....	26.2	....	....	....	....
4	17,621	4,019	24.3	5.5	29.8	30,079	14.99	....	....
5	976	....	90.2	....	90.2	....	....	....	....
6	6,061	....	19.4	....	19.4	....	....	....	....
7	64,603	3,383	18.7	1.0	19.7	56,992	9.69	8,093	1.38
8	2,716	....	25.4	....	25.4	....	....	....	....
9	15,880	399	19.2	.5	19.7	....	....	....	....
10	14,423	....	18.8	....	18.8	....	....	295	.21
11	20,499	1,582	38.0	2.9	40.9	10,056	5.87	6,000	3.50
12	4,677	....	24.8	....	24.8	18,000	35.80	4,000	7.96
13	1,938	....	19.5	....	19.5	....	....	....	....
14	4,700	....	28.4	....	28.4	....	....	....	....
15	10,291	....	20.2	....	20.2	....	....	....	....
16	8,565	....	40.3	....	40.3	....	....	164	.21
17	66,206	2,226	18.4	.6	19.0	13,361	2.38	5,165	.92
18	6,277	....	38.7	....	38.7	....	....	....	....
19	61,990	331	15.8	.8	16.6	4,946	1.00	2,000	.40
20	2,334	....	33.9	....	33.9	....	....	....	....
21	2,151	....	24.5	....	24.5	....	....	....	....
22	4,162	....	37.6	....	37.6	....	....	....	....
23	86,533	40,057	24.9	11.5	36.4	G 291,397	11.43	67,477	26.46
24	7,407	....	24.1	....	24.1	....	....	600	1.42
25	27,049	2,495	25.9	2.4	28.3	10,538	7.44	9,680	6.84
26	44,413	4,839	18.6	2.0	20.6	100,293	43.26	4,572	1.97
27	830	....	18.6	....	18.6	....	....	....	....
28	26,642	1,558	24.9	1.5	26.4	6,891	6.55	6,034	5.74
29	27,388	1,735	21.5	1.4	22.9	81,690	72.28	14,291	12.65
30	1,095	....	37.6	....	37.6	....	....	....	....
31	2,192	....	11.5	....	11.5	....	....	....	....
	555,831	62,624	21.3	2.4	23.7	624,243	15.61	129,609	3.24
1	2,890	....	20.4	....	20.4	....	....	700	9.85
2	74,146	16,138	25.3	5.5	30.8	146,852	9.41	13,393	.86
3	4,611	....	34.9	....	34.9	1,235	14.70	13,224	157.37
4	3,280	390	27.7	3.3	31.0	494	6.86	599	8.32
5	1,262	209	22.3	3.7	26.0	1,248	69.33	....	....
6	60,322	4,443	19.3	1.4	20.7	11,489	12.36	17,022	18.31
7	1,851	....	15.0	....	15.0	....	....	....	....
8	739	....	20.6	....	20.6	....	....	....	....
9	78,929	10,730	24.9	3.4	28.3	37,641	41.83	26,922	29.92
10	109,361	8,360	24.6	1.9	26.5	50,689	40.16	42,230	33.46
11	22,377	H	30.8	H	....	62,283	476.79	1,600	12.25
	359,768	40,270	24.0	2.8	26.8	311,931	61.49	115,690	22.81
	915,599	102,894	22.7	2.5	25.2	936,174	20.78	245,299	5.44

TABLE 20—FINANCIAL

Cities	Counties	Assessment per Class-room A	No. of Class-rooms	A.D.A. for the Calendar Year B	A.D.A. per Class-room	Major Sources of Receipts		
						School District Levy c	County Grant	Legislative Grant
		$				$	$	$
1 Toronto..........	York...........	165,708	288	10,563	37	551,568	....	40,169
2 Niagara Falls......	Welland........	159,388	11	431	39	16,500	....	1,515
3 St. Catharines.....	Lincoln........	135,901	21	695	33	27,491	....	2,866
4 Chatham.........	Kent...........	128,462	14	544	39	13,746	....	2,073
5 London...........	Middlesex......	120,910	51	1,448	28	56,656	....	5,114
6 Kingston..........	Frontenac......	114,874	24	810	34	26,064	....	3,938
7 Owen Sound.......	Grey...........	110,799	4	135	34	4,799	....	581
8 Kitchener.........	Waterloo.......	109,977	48	1,728	36	59,586	....	9,140
9 St. Thomas.......	Elgin..........	109,655	9	233	26	6,889	....	1,128
10 Oshawa..........	Ontario........	106,621	13	507	39	10,572	....	1,783
11 Hamilton.........	Wentworth.....	100,799	136	4,228	31	151,336	....	20,274
12 Belleville..........	Hastings.......	99,455	12	409	34	12,067	....	3,503
13 Stratford..........	Perth..........	96,714	14	348	25	15,261	....	1,430
14 Guelph...........	Wellington.....	95,404	21	806	38	23,662	....	4,834
15 Sarnia............	Lambton.......	92,158	15	477	32	16,315	....	2,405
16 Peterborough......	Peterborough...	88,095	29	910	31	29,361	....	4,927
17 Brantford.........	Brant..........	84,208	18	629	35	21,568	....	5,677
18 Windsor..........	Essex..........	82,149	182	6,121	34	150,071	....	41,939
19 Woodstock........	Oxford.........	81,888	4	140	35	3,447	....	793
20 Ottawa...........	Carleton........	80,804	345	10,682	31	407,350	....	103,218
21 Galt..............	Waterloo.......	61,920	7	230	33	5,893	....	1,426
Totals and Averages	....	109,338	1,266	42,074	33	1,610,202	....	258,733
	Districts							
1 Fort William......	Thunder Bay...	135,107	28	1,104	39	38,324	....	5,026
2 Port Arthur.......	Thunder Bay...	104,463	19	629	33	24,946	....	6,965
3 Sudbury..........	Sudbury........	74,640	60	2,150	36	93,004	....	15,435
4 North Bay........	Nipissing.......	69,262	36	1,386	39	41,199	....	9,073
5 Sault Ste. Marie...	Algoma........	43,230	32	1,053	33	40,787	....	11,250
Totals and Averages		80,703	175	6,322	36	238,260	....	47,749
Totals and Averages	, All Cities.......	105,860	1,441	48,396	34	1,848,462	....	306,482
Towns	Counties							
1 Oakville..........	Halton.........	197,912	1	40	40	1,561	....	113
2 Collingwood.......	Simcoe.........	153,040	1	38	38	1,000	....	107
3 Barrie............	Simcoe.........	134,701	4	116	29	4,004	....	187
4 Mount Forest.....	Wellington.....	119,617	2	49	25	1,365	....	147
5 Dundas...........	Wentworth.....	117,509	3	90	30	1,472	....	426
6 Picton............	Prince Edward..	112,967	2	42	21	1,312	....	89
7 Lindsay...........	Victoria........	107,520	6	167	28	5,991	....	872
8 Hespeler..........	Waterloo.......	105,441	1	39	39	1,231	....	161
9 Orillia............	Simcoe.........	101,355	5	149	30	4,648	....	734
10 Parkhill..........	Middlesex......	96,620	1	15	15	604	....	140
11 Seaforth..........	Huron.........	95,634	1	46	46	1,377	....	488
12 Leamington.......	Essex..........	94,539	3	97	32	1,544	....	391
13 Waterloo..........	Waterloo.......	90,139	12	369	31	12,699	....	2,302
14 Prescott..........	Grenville.......	88,858	4	94	24	3,969	....	452
15 Whitby...........	Ontario........	88,756	2	39	20	1,872	....	164
16 Trenton..........	Hastings.......	87,445	6	200	33	6,472	....	1,185
17 St. Mary's........	Perth..........	84,836	2	42	21	1,595	....	236
18 Mimico...........	York...........	82,681	7	224	32	10,619	....	1,136
19 Preston...........	Waterloo.......	82,287	8	288	36	9,249	....	1,944
20 Campbellford......	Northumberland	81,675	2	59	30	1,627	....	368
21 Brockville.........	Leed...........	81,373	8	204	26	7,060	....	1,500
22 Renfrew..........	Renfrew........	80,726	15	506	34	17,248	....	3,030
23 Amherstburg......	Essex..........	78,898	9	294	33	7,742	800	1,709
24 Smith's Falls......	Lanark.........	74,663	6	155	26	3,973	....	851
25 Paris.............	Brant..........	73,702	2	43	22	1,048	....	328
26 Newmarket.......	York...........	72,618	2	43	22	2,520	....	304
27 Cobourg..........	Northumberland	70,668	5	165	33	4,126	....	1,111
28 Goderich..........	Huron.........	69,035	2	54	27	1,357	....	430
29 Tilbury...........	Kent...........	68,994	8	224	28	5,536	....	2,266
30 Cornwall..........	Stormont.......	67,741	48	2,102	44	37,318	....	15,775
31 Gananoque........	Leed...........	67,683	4	119	30	2,390	....	747
32 Thorold..........	Welland........	61,315	8	313	39	7,383	....	2,052
33 Perth.............	Lanark.........	60,731	5	144	29	1,099	....	4,221
34 Merritton.........	Lincoln.........	60,289	2	60	30	1,595	7	450
35 La Salle..........	Essex..........	59,284	5	156	31	2,780	315	1,349
36 Ingersoll..........	Oxford.........	58,688	4	83	21	2,705	....	468
37 Blenheim.........	Kent...........	58,459	1	22	22	332	....	243
38 Arnprior..........	Renfrew........	56,384	11	344	31	10,392	....	2,401
39 Hanover..........	Grey...........	55,196	2	83	42	2,787	....	554
40 Essex............	Essex..........	50,496	2	47	24	1,141	....	1,345
41 Wallaceburg.......	Kent...........	45,139	12	383	32	8,190	....	3,724
42 Simcoe...........	Norfolk........	43,216	2	49	25	704	....	402
43 Midland..........	Simcoe.........	39,807	10	409	41	1,779	....	6,711
44 Weston...........	York...........	37,572	5	138	28	4,538	....	734
45 Riverside.........	Essex..........	37,298	15	447	30	13,200	795	3,816

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	Disbursements		Cost per Pupil-Day (cents)			Debenture Indebtedness		Other Indebtedness	
	Current E	Capital F	Current	Capital	Total	Amount	Per $1,000 of Assessment	Amount	Per $1,000 of Assessment
	$	$				$	$ c.	$	$ c.
1	454,729	152,969	22.1	7.4	29.5	G 155,491	3.26	217	....
2	16,827	....	20.4	....	20.4	....	....	7,000	3.99
3	31,709	....	24.1	....	24.1	....	....	....	....
4	12,838	1,385	12.2	1.3	13.5	26,900	14.96	....	....
5	52,834	15,568	19.0	5.6	24.6	129,380	20.98	4,982	.81
6	28,309	....	18.1	....	18.1	....	....	....	....
7	4,916	1,385	18.9	5.3	24.2	6,500	14.67	....	....
8	54,250	22,500	16.3	6.8	23.1	88,050	16.68	3,973	.75
9	7,768	....	17.3	....	17.3	....	....	1,800	1.82
10	11,934	....	12.6	....	12.6	....	....	....	....
11	139,345	47,600	17.4	6.0	23.4	298,332	21.81	34,270	25.05
12	13,722	....	17.5	....	17.5	....	....	5,976	5.01
13	13,102	4,610	19.5	6.9	26.4	46,000	33.97	....	....
14	22,567	5,809	14.5	3.7	18.2	32,903	16.42	6,403	3.20
15	15,269	3,347	16.6	3.6	20.2	36,818	26.63	....	....
16	32,964	....	18.9	....	18.9	....	....	....	....
17	20,704	10,266	17.0	8.5	25.5	68,306	45.06	2,100	1.39
18	204,485	2,013	17.3	1.7	19.0	3,037,403	203.16	82,123	5.49
19	4,502	....	16.8	....	16.8	....	....	....	....
20	412,783	116,851	20.2	5.7	25.9	1,546,875	55.49	374,475	13.43
21	6,634	1,674	15.0	3.8	18.8	18,407	42.43	....	....
	1,562,191	384,977	19.3	4.8	24.1	5,761,365	41.62	523,319	3.78
1	33,728	11,391	15.8	5.3	21.1	129,000	34.10	....	....
2	22,874	5,013	18.9	4.1	23.0	29,163	14.69	....	....
3	84,223	32,361	20.7	8.0	28.7	283,283	63.26	167,979	37.51
4	38,151	11,154	14.7	4.3	19.0	90,007	36.10	....	....
5	38,161	17,600	19.0	8.7	27.7	117,000	84.58	....	....
	217,137	77,519	18.1	6.4	24.5	648,453	45.91	167,979	11.9
	1,779,328	462,496	19.1	5.0	24.1	6,409,818	42.02	691,298	4.53
1	1,901	....	25.1	....	25.1	....	....	950	4.80
2	1,656	....	22.6	....	22.6	....	....	....	....
3	4,022	266	18.0	1.2	19.2	8,200	15.22	....	....
4	1,695	....	17.8	....	17.8	....	....	....	....
5	2,368	....	13.9	....	13.9	....	....	6,000	17.02
6	1,692	184	21.2	2.3	23.5	2,300	1.02	47	.21
7	7,304	....	22.8	....	22.8	....	....	7,552	11.71
8	1,376	....	18.3	....	18.3	....	....	....	....
9	5,927	....	20.8	....	20.8	....	....	....	....
10	796	....	27.4	....	27.4	....	....	....	....
11	2,680	....	31.1	....	31.1	....	....	....	....
12	2,466	....	13.2	N.R.	....	11,416	40.25	....	....
13	12,154	4,359	17.1	6.1	23.2	63,384	58.60	....	....
14	4,287	....	23.5	....	23.5	....	....	....	....
15	2,035	....	28.3	....	28.3	....	....	12,000	67.60
16	6,829	4,539	17.8	11.8	29.6	50,390	96.04	9,580	18.26
17	2,655	....	32.3	....	32.3	....	....	....	....
18	10,054	5,613	23.2	13.0	36.2	50,934	88.00	60	.10
19	9,646	940	17.7	1.7	19.4	....	....	23,050	35.01
20	2,552	....	24.2	....	24.2	....	....	....	....
21	9,999	837	25.6	2.1	27.7	5,857	9.00	....	....
22	13,674	8,915	14.3	9.3	23.6	87,338	72.13	23	.02
23	9,890	2,895	17.5	5.1	22.6	....	....	30,800	43.38
24	5,233	2,408	19.3	8.9	28.2	12,041	26.88	....	....
25	2,384	....	29.2	....	29.2	....	....	....	....
26	2,200	....	26.3	....	26.3	....	....	1,950	13.42
27	4,800	....	15.1	....	15.1	....	....	....	....
28	2,447	....	23.6	....	23.6	....	....	500	3.62
29	8,771	2,065	20.3	4.8	25.1	28,894	52.35	....	....
30	59,719	....	15.0	....	15.0	....	....	....	....
31	3,984	N.R.	17.3	N.R.	....	25,473	94.09	N.R.	....
32	8,892	1,000	14.7	1.7	16.4	29,999	61.16	....	....
33	6,957	....	25.0	....	25.0	....	....	....	....
34	2,264	....	19.8	....	19.8	....	....	....	....
35	4,502	D	14.5	D	....	68,872	23.23	....	....
36	4,509	....	28.4	....	28.4	....	....	....	....
37	753	....	18.1	....	18.1	....	....	....	....
38	10,722	....	16.7	....	16.7	....	....	....	....
39	2,162	1,453	14.1	9.5	23.6	20,342	18.43	....	....
40	2,494	1,300	27.2	14.2	41.4	12,000	11.88	....	....
41	10,695	3,203	14.5	4.3	18.8	51,808	95.65	....	....
42	2,695	....	28.4	....	28.4	....	....	8,900	102.97
43	10,240	2,531	13.0	3.2	16.2	14,852	37.31	....	....
44	5,923	....	22.2	....	22.2	....	....	....	....
45	23,298	D	27.4	D	....	212,031	378.98	....	....

TABLE 20—FINANCIAL

Towns	Counties	Assessment per Classroom A	No. of Classrooms	A.D.A. for the Calendar Year B	A.D.A. per Classroom	Major Sources of Receipts		
						School District Levy C	County Grant	Legislative Grant
		$				$	$	$
46 Walkerton	Bruce	36,026	6	211	35	3,187	....	1,653
47 Pembroke	Renfrew	34,614	29	854	29	11,797	....	16,275
48 Alexandria	Glengarry	32,274	13	332	26	6,448	....	4,842
49 Tecumseh	Essex	30,763	16	515	32	8,507	964	7,163
50 Almonte	Lanark	29,292	5	95	19	1,185	....	1,499
51 Tillsonburg	Oxford	29,054	2	52	26	609	....	492
52 Vankleek Hill	Prescott	26,601	7	196	28	3,070	....	2,474
53 Hawkesbury	Prescott	24,996	32	1,211	38	21,580	....	15,277
54 Eastview	Carleton	22,542	27	890	33	16,766	313	13,071
55 Clarkstown	Carleton	21,501	11	390	35	6,740	....	3,808
56 Rockland	Russell	19,829	15	459	32	6,010	....	6,868
Totals and Averages	....	54,658	431	13,995	32	309,053	3,194	162,155
	Districts							
57 Kapuskasing	Cochrane	96,302	20	561	28	31,981	....	5,898
58 Fort Frances	Rainy River	72,889	9	296	33	9,965	....	1,550
59 Cochrane	Cochrane	58,756	10	310	31	9,244	....	2,542
60 Kenora	Kenora	58,036	7	227	32	4,687	....	1,541
61 Coniston	Sudbury	51,636	12	395	33	13,568	....	3,986
62 Sioux Lookout	Kenora	48,153	4	103	26	3,100	....	2,532
63 Timmins	Cochrane	42,396	70	2,329	33	97,887	....	38,444
64 Iroquois Falls	Cochrane	41,386	9	247	27	20,495	....	4,498
65 New Liskeard	Timiskaming	40,794	4	97	24	4,500	....	594
66 Haileybury	Timiskaming	38,639	5	132	26	6,263	....	608
67 Geraldton	Thunder Bay	37,630	2	40	20	1,600	....	909
68 Hearst	Cochrane	37,092	5	216	43	4,987	....	2,336
69 Sturgeon Falls	Nipissing	36,949	24	960	40	18,114	....	8,870
70 Rainy River	Rainy River	29,447	2	40	20	1,403	....	936
71 Blind River	Algoma	29,290	12	390	30	9,248	....	4,300
72 Keewatin	Kenora	29,143	2	40	20	544	....	639
73 Charlton	Timiskaming	26,090	1	23	23	527	....	612
74 Chelmsford	Sudbury	23,560	7	198	28	4,092	....	5,319
75 Kearney	Parry Sound	22,928	1	24	24	561	....	396
76 Mattawa	Nipissing	20,420	10	318	32	3,950	....	4,982
77 Cache Bay	Nipissing	20,086	5	160	32	1,783	....	2,356
78 Smooth Rock Falls	Cochrane	19,775	6	189	31	7,701	....	7,537
79 Cobalt	Timiskaming	17,193	10	310	31	3,496	....	9,959
80 Massey	Sudbury	17,190	3	90	30	1,018	....	2,503
81 Little Current	Manitoulin	8,800	2	38	19	300	....	1,789
82 Bonfield	Nipissing	8,292	6	157	26	1,954	....	3,986
Totals and Averages	....	42,516	250	7,890	32	262,968	....	119,536
Totals and Averages, All Towns		50,201	681	21,885	32	572,021	3,194	281,687
Totals and Averages, All Villages		61,365	67	1,964	29	46,722	845	26,364
Totals and Averages, All Urban		87,183	2,189	72,245	33	2,561,329	4,039	614,533
Grand Totals and Averages		77,648	3,038	94,124	31	3,006,337	20,416	1,041,457

A Local Assessment for Districts (and all municipalities therein), Cities, and separated Towns; Equalized Assessment in all other cases.

B Average Daily Attendance.

C Includes levy for Capital Charges.

D In default.

E Operating costs only.

F Debt charges.

G The total debt of the townships of York, East York, Scarborough; the villages of Forest Hill and Swansea is a liability of the Separate School supporters of the City of Toronto in addition to the amount shown against Toronto.

H School Section in default, payment made by Province.

N.R.—Not reported.

STATISTICS, 1939

	Disbursements		Cost per Pupil-Day (cents)			Debenture Indebtedness		Other Indebtedness	
	Current E	Capital	Current	Capital	Total	Amount	Per $1,000 of Assessment	Amount	Per $1,000 of Assessment
	$	$				$	$ c.	$	$ c.
46	6,566	1,004	16.3	2.5	18.8	5,979	27.66	....	....
47	26,473	7,546	16.4	4.7	21.1	42,883	42.72	1,062	1.06
48	10,780	N.R.	17.4	N.R.	....	1,800	4.29	....	....
49	19,307	D	19.6	....	....	82,432	167.47	4,102	83.34
50	4,451	....	22.4	....	22.4	....	....	500	3.41
51	3,568	600	36.0	6.0	42.0	10,000	172.10	....	....
52	6,114	1,015	16.6	2.8	19.4	27,256	147.82	....	....
53	36,106	....	16.1	....	16.1	....	....	6,061	7.58
54	30,459	1,059	18.0	.6	18.6	37,372	66.32	....	....
55	9,491	N.R.	12.8	N.R.	....	66,847	282.64	....	....
56	11,493	6,300	13.0	7.1	20.1	N.R.	....	....	....
	468,110	60,032	17.6	2.6	20.2	1,030,700	43.75	113,137	4.80
57	27,150	8,871	26.0	8.5	34.5	74,939	38.91	....	....
58	9,086	5,232	16.1	9.3	25.4	75,700	115.40	15,700	23.93
59	11,736	1,958	19.7	3.3	23.0	24,000	40.85	....	....
60	4,719	D	10.9	D	....	....	....	22,000	54.15
61	20,255	....	26.8	....	26.8	....	....	....	....
62	5,224	1,909	26.0	9.5	35.5	24,847	129.00	10,200	52.96
63	99,675	32,392	21.4	7.0	28.4	346,702	116.82	28,700	9.67
64	19,216	4,435	40.4	9.3	49.7	49,374	132.52	....	....
65	4,181	1,072	25.0	6.4	31.4	15,009	91.98	....	....
66	7,375	....	30.0	....	30.0	....	....	1,844	9.54
67	2,575	....	33.3	....	33.3	....	....	N.R.	....
68	8,758	....	21.2	....	21.2	30,575	164.86	433	2.33
69	27,208	....	14.7	....	14.7	89,898	101.38	....	....
70	2,004	D	26.1	D	....	5,258	89.28	31	.53
71	13,177	D	17.8	D	....	29,981	85.30	....	....
72	982	....	12.7	....	12.7	....	....	350	6.00
73	1,271	....	28.5	....	28.5	....	....	175	6.71
74	11,101	1,170	28.6	3.0	31.6	19,884	120.57	....	....
75	922	....	20.2	....	20.2	....	....	100	4.36
76	8,226	811	13.6	1.3	14.9	6,400	31.34	4,345	21.28
77	4,560	....	15.0	....	15.0	....	....	850	8.46
78	15,570	....	43.0	....	43.0	....	....	933	7.86
79	14,881	N.R.	25.6	N.R.	....	7,110	41.36	....	....
80	3,621	....	21.1	....	21.1	....	....	400	7.76
81	2,640	....	36.3	....	36.3	....	....	....	....
82	4,690	....	15.1	....	15.1	17,331	348.36	....	....
	330,803	57,850	21.7	4.3	26.0	817,008	76.87	86,061	8.10
	798,913	117,882	19.1	2.3	22.3	1,847,708	54.05	199,198	5.83
	72,402	11,075	19.5	3.0	22.5	98,788	24.03	25,934	6.31
	2,650,643	591,453	19.1	4.4	23.5	8,356,314	43.79	916,430	4.80
	3,566,242	694,347	19.9	4.0	23.9	9,292,488	39.39	1,161,729	49.25

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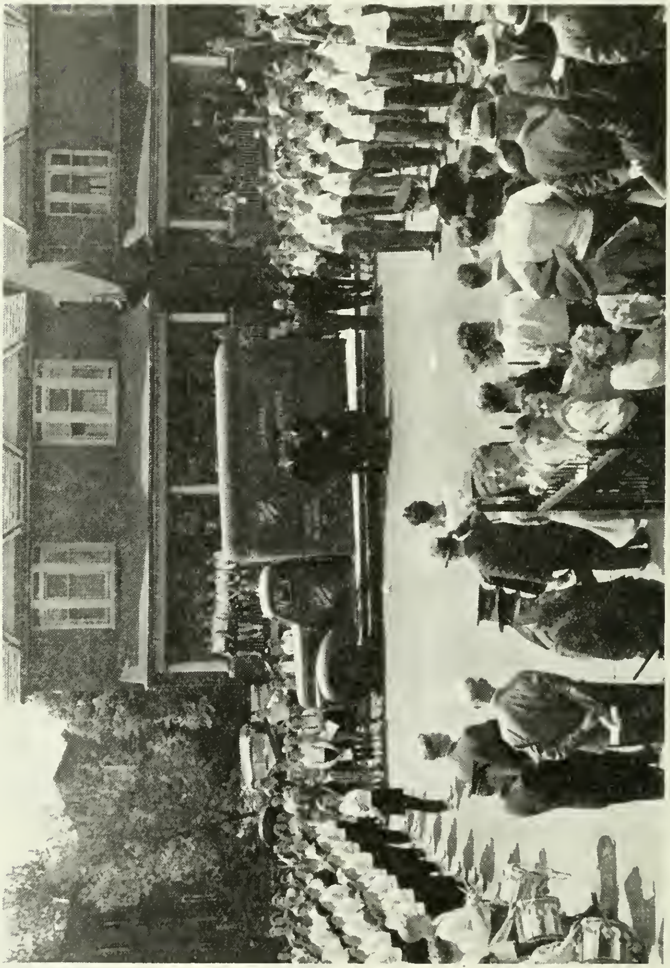
Alexandria	48
Almonte	50
Amherstburg	23
Arnprior	38
Barrie	3
Blenheim	37
Blind River	71
Bonfield	82
Brockville	21
Cache Bay	77
Campbellford	20
Charlton	73
Chelmsford	74
Clarkstown	55
Cobalt	79
Cobourg	27
Cochrane	59
Collingwood	2
Coniston	61
Cornwall	30
Dundas	5
Eastview	54
Essex	40
Fort Frances	58
Gananoque	31
Geraldton	67
Goderich	28
Haileybury	66
Hanover	39
Hawkesbury	53
Hearst	68
Hespeler	8
Ingersoll	36
Iroquois Falls	64
Kapuskasing	57
Kearney	75
Keewatin	72
Kenora	60
La Salle	35
Leamington	12
Lindsay	7
Little Current	81
Massey	80
Mattawa	76
Merritton	34
Midland	43
Mimico	18
Mount Forest	4
New Liskeard	65
Newmarket	26
Oakville	1
Orillia	9
Paris	25
Parkhill	10
Pembroke	47
Perth	33
Picton	6
Prescott	14
Preston	19
Rainy River	70
Renfrew	22
Riverside	45
Rockland	56
St. Mary's	17
Seaforth	11
Simcoe	42
Sioux Lookout	62
Smith's Falls	24
Smooth Rock Falls	78
Sturgeon Falls	69
Tecumseh	49
Thorold	32
Tilbury	29
Tillsonburg	51
Timmins	63
Trenton	16
Vankleek Hill	52
Walkerton	46
Wallaceburg	41
Waterloo	13
Weston	44
Whitby	15



Mobile Canteen presented to Salvation Army by Pupils of Runnymede C.I. for use in Britain among bomb victims. Money was raised by student salvage sales and self-denial campaigns.

THE SECONDARY SCHOOLS

TABLE 21—CLASSIFICATION OF ACADEMIC PUPILS BY SUBJECTS OF STUDY, 1939-40

SUBJECTS	High Schools and Collegiate Institutes	Continuation Schools	Totals	SUBJECTS	High Schools and Collegiate Institutes	Continuation Schools	Totals
Grades IX and X							
English	44,641	5,946	50,587	Business Practice and Commercial Work	26,168	3,454	29,622
History	44,628	6,040	50,668	Music	27,035	3,310	30,345
Geography	44,396	5,941	50,337	Art	25,291	3,464	28,755
Health and Physical Education	44,329	5,982	50,311	Latin	16,901	2,232	19,133
General Mathematics	44,908	6,069	50,977	German	1,191	6	1,197
General Science	29,656	4,144	33,800	Greek	24	....	24
Agricultural Science	14,139	1,720	15,859	General Shop	7,920	406	8,326
French	42,157	5,642	47,799	Home Economics	8,520	445	8,965
Special French for French-Speaking Pupils	556	89	645	Library Science	405	....	405
Grades XI and XII							
English	23,579	3,129	26,708	Special French for French-Speaking Pupils	480	16	496
Canadian History	9,608	1,490	11,098	Latin	22,878	2,650	25,528
Ancient History	19,475	2,335	21,810	German	2,476	17	2,493
Physical Education	27,799	3,581	31,380	Greek	164	....	164
Algebra	17,648	1,688	19,336	Spanish	80	....	80
Geometry	11,401	1,734	13,135	General Shop	287	53	340
Physics	12,105	1,385	13,490	Home Economics	323	64	387
Chemistry	10,769	1,402	12,171	Art	428	119	547
Agriculture and Horticulture, 1st Year	2,867	335	3,202	Music	1,218	192	1,410
Agriculture and Horticulture, 2nd Year	1,736	358	2,094	Bookkeeping and Penmanship	482	93	575
French	23,981	2,962	26,943	Stenography and Typing	596	40	636
Grade XIII							
English	8,297	516	8,813	Zoology	2,693	115	2,808
Algebra	4,291	219	4,510	Latin	2,343	116	2,459
Geometry	5,041	198	5,239	Greek	24	....	24
Trigonometry	5,615	249	5,864	French	5,381	220	5,601
Modern World History	3,668	288	3,956	Special French for French-Speaking Pupils	77	....	77
Physics	2,890	126	3,016	German	520	....	520
Chemistry	3,613	114	3,727	Spanish	20	....	20
Botany	2,642	113	2,755				
Commercial Course							
Literature (including Oral Reading)	1,410	84	1,494	Arithmetic (including Rapid Calculation)	1,463	59	1,522
Composition (including English Grammar)	797	72	869	Penmanship and Spelling	1,374	84	1,458
Composition (including Business Corresp'dence)	1,157	63	1,220	Bookkeeping (including Business Forms)	1,617	75	1,692
Canadian History and Civics	608	31	639	Office Practice (including Business Law	1,026	45	1,071
British History	181	....	181	Typewriting	1,811	87	1,898
Commercial Geography	541	19	560	Physiography	22	....	22
				Shorthand	1,545	83	1,628
				French	469	....	469

A Commercial Course Class was enrolled in the following Schools:

COLLEGIATE INSTITUTES:—Cobourg, Collingwood, Goderich, Ingersoll, Morrisburg, Orillia, Smith's Falls, Windsor (Sandwich), York (Memorial).

HIGH SCHOOLS:—Almonte, Arnprior, Beamsville, Blenheim, Bowmanville, Bradford, Brampton, Burlington, Carleton Place, Cobalt, Dundas, Dunnville, Elmira, Fergus, Gananoque, Hagersville, Hanover, Kenora, Leamington, Listowel, Markdale, Merritton, Midland, Mimico, Mitchell, Nepean, New Liskeard, Newmarket, Oakville, Orangeville, Paris, Port Colborne, Port Credit, Port Hope, Richmond Hill, Saltfleet, Sturgeon Falls, Thorold, Walkerton, Wallaceburg, Whitby, Winchester, Wingham.

CONTINUATION SCHOOLS:—Forest Hill, Long Branch, Pelham, Preston.

TABLE 22—ANNUAL DEPARTMENTAL EXAMINATION RESULTS, 1940

(a) Intermediate Certificate.

Issued to Pupils completing Grade X in 1940.

Pupils classified by Schools	Total Number of Pupils Recorded	Pupils classified by Courses					
		General	Industrial	Agriculture	Home Economics	Commercial	Art
SECONDARY SCHOOLS—							
Collegiate Institutes	3,823	3,776	....	....	....	42	5
High Schools	3,593	3,398	5	....	....	189	1
Continuation Schools	1,777	1,751	1	....	....	22	3
Vocational Schools	4,276	399	1,421	....	359	1,995	102
Collegiates or High Schools combined with Vocational Schools or Departments	4,129	2,475	576	11	162	905	.....
PRIMARY SCHOOLS—							
Fifth Classes of Public Schools (with a few Grade C Continuation Schools)	1,204	833	4	3	....	364	.....
Fifth Classes of R.C. Separate Schools	1,356	1,226	....	....	....	130	.....
Totals	20,158	13,858	2,007	14	521	3,647	111

(b) June Middle School

Subjects	Number of Candidates	Number Recommended	Standing Granted by Board	Aegrotat	Total Successful	Per Cent Recommended	Per Cent Successful 1940
English Composition	6,742	5,824	134	2	5,960	86.38	88.40
English Literature	7,901	6,467	127	3	6,597	81.85	83.50
Canadian History	12,784	10,794	42	2	10,838	84.43	84.78
Ancient History	22,241	18,604	100	2	18,706	83.64	84.11
Algebra	19,932	15,451	68	1	15,520	77.52	77.86
Geometry	12,148	9,820	134	2	9,956	80.84	81.96
Physics	13,272	10,904	50	2	10,956	82.16	82.55
Chemistry	11,818	9,740	71	2	9,813	82.42	83.03
Latin Authors	11,671	9,771	122	....	9,893	83.72	84.77
Latin Composition	11,182	9,136	183	....	9,319	81.70	83.34
French Authors	12,797	10,894	121	1	11,016	85.13	86.08
French Composition	12,533	9,960	247	2	10,209	79.47	81.46
German Authors	1,259	1,163	4	....	1,167	92.24	92.69
German Composition	1,280	1,115	22	....	1,137	87.10	88.83
French Literature	140	123	....	....	123	87.85	87.85
Special French Composition	202	177	2	....	179	87.62	88.61
Agriculture I	2,564	2,222	4	....	2,226	86.66	86.82
Agriculture II	1,845	1,610	2	....	1,612	87.26	87.37
Greek Authors	61	59	....	....	59	96.72	96.72
Greek Accidence	65	63	....	....	63	96.92	96.92
Spanish Authors	47	41	....	1	42	87.23	89.36
Spanish Composition	51	45	....	....	45	88.24	88.24
Italian Authors	1	1	....	....	1	100.00	100.00
Italian Composition	1	1	....	....	1	100.00	100.00
Music	60	56	....	....	56	93.33	93.33
Technical Arithmetic	226	178	....	....	178	78.76	78.76
Household Science I	104	89	1	....	90	85.58	86.53
Household Science II	102	86	1	....	87	84.31	85.29
Special Arithmetic	14	11	....	....	11	78.57	78.57
Special Zoology	2	2	....	....	2	100.00	100.00
Commercial Physics	12	12	....	....	12	100.00	100.00
Commercial Chemistry	16	16	....	....	16	100.00	100.00
Commercial Geography	27	27	....	....	27	100.00	100.00
Business Arithmetic	66	66	....	....	66	100.00	100.00
Totals	163,166	134,528	1,435	20	135,983	82.45	83.34

Total Number of Candidates.........38,396 Total Number of Centres........534

(c) June Upper School

Subjects	Number of Candidates	Candidates Recommended		Candidates Writing				Aegrotat	Appeals			Total Number Successful	Per Cent.	
		Total Number	Per cent. Recommended	Total Number	Number Passing	Per cent. Passing	Number Granted M. S. Standing		Total Number	Number Sust'd.	Number Granted M. S. Standing		1940	1939
English Composition	11,217	2,816	25.10	8,359	5,111	61.14	121	42	165	38	16	8,007	71.38	74.22
English Literature	10,849	3,116	28.72	7,682	4,011	52.21	104	51	273	63	21	7,241	66.74	64.84
Modern History	4,681	1,580	33.75	3,083	1,808	58.64	....	18	124	47	....	3,453	73.77	74.66
Algebra	4,988	1,818	36.45	3,150	1,657	52.60	5	20	82	31	1	3,526	70.69	84.81
Geometry	5,956	2,229	37.42	3,695	2,342	63.38	15	32	67	23	6	4,626	77.67	73.30
Trigonometry	6,558	2,656	40.50	3,871	2,229	57.58	....	31	75	20	....	4,936	75.27	89.10
Botany	2,902	1,211	41.73	1,675	1,090	65.07	....	16	49	11	....	2,328	80.22	75.54
Zoology	2,975	1,279	42.99	1,678	1,017	60.61	....	18	66	29	....	2,343	78.80	78.23
Physics	3,441	1,376	39.99	2,046	1,528	74.68	....	19	30	12	....	2,935	85.29	70.14
Chemistry	3,990	1,503	37.76	2,464	1,328	53.90	6	23	69	23	3	2,877	72.11	80.36
Latin Authors	2,815	1,075	38.19	1,728	1,273	73.67	10	12	40	12	6	2,372	84.26	70.74
Latin Composition	2,749	854	31.07	1,881	1,511	80.33	6	14	36	8	6	2,387	86.83	76.33
French Authors	6,596	2,493	37.80	4,063	2,580	63.50	45	40	190	61	15	5,174	78.44	80.69
French Composition	6,610	1,900	28.74	4,662	3,713	79.64	15	48	97	30	6	5,691	86.10	83.48
German Authors	581	366	62.99	214	178	83.18	2	1	4	....	1	545	93.80	90.02
German Composition	596	291	48.83	303	180	59.41	2	2	15	2	....	475	79.70	86.83
French Literature	151	18	11.92	133	82	61.65	....	....	4	....	....	100	66.23	62.77
Special French Composition	216	20	9.26	196	117	59.69	....	....	3	1	....	138	63.89	60.36
Greek Authors	42	24	57.14	18	15	83.33	....	....	....	....	....	39	92.86	88.46
Greek Composition	43	22	51.16	21	20	95.24	....	....	....	....	....	42	97.67	74.07
Spanish Authors	54	9	16.67	45	32	71.11	....	....	....	....	....	41	75.93	79.59
Spanish Composition	50	2	4.00	48	33	68.75	....	....	1	....	....	35	70.00	80.00
Italian Authors	6	1	16.67	5	3	60.00	....	....	....	....	....	4	66.67	100.00
Italian Composition	7	1	14.29	6	4	66.67	....	....	....	....	....	5	71.43	87.50
History of Commerce	10	8	80.00	2	....	....	....	....	....	....	....	8	80.00	91.67
Totals	78,083	26,668	34.15	51,028	31,862	62.44	331	387	1,390	411	81	59,328	75.99	76.77

Total Number of Candidates............. 19,449

Total Number of Centres.................. 424

(d) August Middle School

Subjects	Number of Candidates	Number Recommended	Per Cent. Successful 1940	Per Cent. Successful 1939
English Composition	5	5	100.00	75.00
English Literature	6	4	66.67	70.00
Canadian History	5	5	100.00	66.67
Ancient History	8	8	100.00	64.29
Algebra	10	7	70.00	62.50
Geometry	13	10	76.92	57.89
French Literature	1	1	100.00	100.00
Special French Composition	2	2	100.00	100.00
Totals	50	42	84.00	70.87

Number of Centres............1 Number of Candidates............29

(e) August Upper School

Subjects	No. of Candidates Writing	No. Passing	Percentage Passing	Aegrotat	No. granted M.S. Std'g.	Appeals		Total No. Successful	Per Cent	
						Total No.	No. Sustained		1940	1939
English Composition	145	71	48.97	......	....	10	3	74	51.03	75.29
English Literature	193	137	70.98	......	....	19	2	139	72.02	69.30
Modern History	177	106	59.89	......	....	17	7	113	63.84	75.37
Algebra	129	76	58.91	......	....	3	1	77	59.69	63.97
Geometry	122	47	38.52	......	....	16	3	50	40.98	42.11
Trigonometry	161	67	41.61	......	....	9	3	70	43.48	73.73
Botany	142	86	60.56	......	....	8	4	90	63.38	81.16
Zoology	125	88	70.40	......	....	10	4	92	73.60	83.41
Physics	21	16	76.19	......	....	2	......	16	76.19	83.93
Chemistry	17	14	82.35	......	....	......	......	14	82.35	87.50
Latin Authors	15	14	93.33	......	....	......	......	14	93.33	66.67
Latin Composition	21	16	76.19	......	....	......	......	16	76.19	69.57
French Authors	43	28	65.12	......	1	3	1	29	67.44	88.31
French Composition	45	30	66.66	......	....	1	......	30	66.66	75.00
French Literature	27	20	74.07	......	....	2	......	20	74.07	71.43
Special French Composition	23	15	65.22	......	....	1	......	15	65.22	65.71
Totals	1,406	831	59.10	......	1	101	28	859	61.10	73.20

Total number of candidates............940 Total number of centres............15

TABLE 23—VISUAL AND OTHER AIDS IN SECONDARY EDUCATION

As reported in June, 1941

	Continuation Schools	High Schools and Collegiate Institutes	(a) Vocational Schools	Totals
Number of schools reporting	203	230	19	452
Number of schools having:				
1. Gymnasium	20	150	19	189
2. Auditorium	24	132	18	174
Number of schools using as an aid in instruction:				
1. Lantern slides	57	165	18	240
2. Silent films	5	66	14	85
3. Sound films	5	36	14	55
4. Radio	22	46	10	78
5. Public Address System	5	25	10	40

(a) Pure vocational only; composite schools are included with High and Collegiate.

Folk Dancing

TABLE 24—TEACHERS' SALARIES—FREQUENCY

Range	Continuation Schools						High Schools					
	P.	M.A.	F.A.	Total	Group Total	Group Percentage	P.	M.A.	F.A.	Total	Group Total	Group Percentage
$4,951 – $5,050	......	......	......	......			......	......	......	......		
$4,851 – $4,950	......	......	......	......			......	......	......	......		
$4,751 – $4,850	......	......	......	......			......	......	......	......		
$4,651 – $4,750	......	......	......	......			......	......	......	......		
$4,551 – $4,650	......	......	......	......			......	......	......	......		
$4,451 – $4,550	......	......	......	......			1	......	......	1	1	(.09)
$4,351 – $4,450	......	......	......	......			......	......	......	......		
$4,251 – $4,350	......	......	......	......			......	......	......	......		
$4,151 – $4,250	......	......	......	......			......	......	......	......		
$4,051 – $4,150	......	......	......	......			......	......	......	......		
$3,951 – $4,050	......	......	......	......			4	......	......	4	12	1.0
$3,851 – $3,950	......	......	......	......			......	......	......	......		
$3,751 – $3,850	......	......	......	......			2	......	......	2		
$3,651 – $3,750	......	......	......	......			2	1	......	3		
$3,551 – $3,650	......	......	......	......			3	......	......	3		
$3,451 – $3,550	......	......	......	......	2	.4	......	......	......	......	11	1.0
$3,351 – $3,450	......	1	......	1			......	......	......	......		
$3,251 – $3,350	......	......	......	......			......	......	......	......		
$3,151 – $3,250	......	......	......	......			6	......	......	6		
$3,051 – $3,150	......	......	1	1			5	......	......	5		
$2,951 – $3,050	......	......	......	......	3	.6	12	......	......	12	59	5.4
$2,851 – $2,950	1	......	......	1			8	1	......	9		
$2,751 – $2,850	......	......	......	......			6	1	......	7		
$2,651 – $2,750	1	......	......	1			11	3	2	16		
$2,551 – $2,650	......	1	......	1			7	5	3	15		
$2,451 – $2,550	2	2	1	5	19	3.5	18	7	3	28	170	15.2
$2,351 – $2,450	2	1	1	4			11	5	4	20		
$2,251 – $2,350	1	1	......	2			15	13	23	51		
$2,151 – $2,250	......	2	......	2			13	12	6	31		
$2,051 – $2,150	3	2	1	6			9	16	15	40		
$1,951 – $2,050	2	......	......	2	83	15.8	6	35	23	64	468	41.9
$1,851 – $1,950	11	1	......	12			6	30	49	85		
$1,751 – $1,850	15	......	2	17			6	27	48	81		
$1,651 – $1,750	16	2	......	18			3	45	59	107		
$1,551 – $1,650	23	5	6	34			......	55	76	131		
$1,451 – $1,550	39	6	......	45	276	52.5	3	46	80	129	384	34.5
$1,351 – $1,450	22	6	5	33			......	45	79	124		
$1,251 – $1,350	23	9	16	48			1	25	52	78		
$1,151 – $1,250	27	16	33	76			......	11	28	39		
$1,051 – $1,150	6	17	51	74			......	4	10	14		
$951 – $1,050	8	28	64	100	143	27.2	......	1	9	10	12	1.0
$851 – $950	1	10	23	34			......	......	......	......		
$751 – $850	......	1	6	7			......	......	2	2		
$651 – $750	......	1	1	2			......	......	......	......		
Total Teachers	203	112	211	526			158	388	571	1,117		
Median Salary	$1,500	$1,150	$1,100	$1,200			$2,500	$1,700	$1,600	$1,700		
Average Salary	$1,519	$1,173	$1,096	$1,280			$2,565	$1,742	$1,639	$1,807		
Increase in Average over Year 1938-39	$29	$45	$23	$21			—$6	$14	$12	$8		

—decrease P.—Principal. M.A.—Male Assistant. F.A.—Female Assistant.

DISTRIBUTION—FULL-TIME TEACHERS, 1939-40

Collegiate Institutes						Vocational Schools*						All Schools		
P.	M.A.	F.A.	Total	Group Total	Group Percentage	P.	M.A.	F.A.	Total	Group Total	Group Percentage	Total Teachers	Group Total	Group Percentage
2	......	......	2	22	1.3	......	......	......	......	10	.9	2	33	.7
......	......	......	......			......	......	......	......			......		
......	......	......	......			......	......	......	......			......		
1	......	......	1			......	......	......	......			1		
2	......	......	2			4	......	......	4			6		
2	......	......	2			......	......	......	......			3		
3	......	......	3			2	......	......	2			5		
5	......	......	5			1	......	......	1			6		
3	......	......	3			2	......	......	2			5		
4	......	......	4			1	......	......	1			5		
7	......	......	7	95	5.7	1	......	......	1	48	4.3	12	155	3.5
4	......	......	4			......	......	......	......			4		
9	......	......	9			3	1	......	4			15		
2	9	......	11			......	5	......	5			19		
6	40	18	64			2	28	8	38			105		
5	71	46	122	291	17.4	1	66	26	93	255	23.0	215	559	12.6
......	34	13	47			......	45	12	57			105		
2	36	5	43			......	33	6	39			82		
2	45	3	50			1	34	2	37			93		
3	20	6	29			......	22	7	29			64		
1	31	10	42	284	17.0	......	48	9	57	296	26.6	111	642	14.5
1	24	10	35			......	48	22	70			115		
5	42	43	90			......	49	25	74			171		
2	32	28	62			......	30	13	43			122		
1	38	16	55			......	30	22	52			123		
......	40	20	60	426	25.5	......	38	19	57	276	24.8	150	891	20.2
......	39	33	72			......	27	19	46			142		
......	44	51	95			......	37	20	57			205		
......	63	51	114			......	39	27	66			213		
......	46	39	85			......	33	17	50			181		
......	51	45	96	497	29.7	......	43	22	65	222	20.0	227	1,270	28.8
......	58	51	109			......	31	21	52			258		
......	69	68	137			......	34	16	50			285		
......	41	54	95			......	9	18	27			247		
......	21	39	60			......	11	17	28			253		
......	13	20	33	54	3.4	......	......	1	1	4	.4	208	718	16.2
......	8	5	13			......	1	1	2			172		
......	......	3	3			......	1	......	1			130		
......	2	2	4			......	......	......	......			119		
......	......	1	1			......	......	......	......			89		
......	1	1	2	2	(.01)	......	......	......	......			112	157	3.5
......	......	......	......			......	......	......	......			34		
......	......	......	......			......	......	......	......			9		
......	......	......	......			......	......	......	......			2		
72	918	681	1,671			18	743	350	1,111			4,425		
$3,800	$2,500	$2,200	$2,350			$4,100	$2,800	$2,450	$2,750					
$3,756	$2,552	$2,315	$2,507			$4,126	$2,716	$2,477	$2,663					
$14	—$11	$38	$9			—$35	$55	$71	$63					

*Whole-time teachers in Vocational work. Vocational teachers who spend part-time in High School (or Collegiate Institute) and the balance of the time in the Vocational School are shown in the High School (or Collegiate Institute) section.

THE CONTINUATION SCHOOLS

TABLE 25—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1939-40

CONTINUATION SCHOOLS	Grade	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
		Enrolment (a)	Male	Female	Average Daily Attendance for the Year	Percentage Attendance Efficiency	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
In Counties														
Acton	A	59	20	39	59	93.5	20	21	11	6	1	38	15	6
Agincourt	A	123	59	64	120	93.9	42	40	21	14	6	38	85	....
Ailsa Craig	B	62	29	33	52	92.2	21	18	13	10	.....	26	36	....
Allenford	B	25	9	16	23	96.3	5	11	9	.....	.....	15	5	5
Alton	B	20	9	11	19	94.4	2	9	8	1	.....	8	12	....
Alvinston	A	58	23	35	55	95.8	15	19	9	10	5	29	27	2
Arkona	C	18	10	8	17	95.5	12	6	.....	.....	.....	14	3	1
Aultsville	B	31	13	18	26	93.1	16	4	6	5	.....	19	5	7
Ayr	B	47	22	25	45	98.0	17	14	11	5	.....	21	16	10
Bancroft	B	52	26	26	51	92.9	14	14	11	13	.....	41	9	2
Bath	B	33	11	22	30	90.0	10	8	9	6	.....	16	17	....
Beachburg	B	32	8	24	29	94.0	14	6	7	5	.....	19	13	....
Beaverton	A	105	41	64	97	93.7	32	23	18	21	11	52	52	1
Beeton	B	55	20	35	53	95.7	17	18	8	12	.....	28	27	....
Belmont	B	38	15	23	40	96.4	12	12	9	5	.....	15	14	9
Blackstock	A	51	21	30	49	96.9	11	15	7	9	9	15	36	....
Blyth	B	45	22	23	39	93.8	16	13	11	5	.....	18	27	....
Bobcaygeon	A	50	20	30	50	93.1	17	10	9	14	.....	31	12	7
Bolton	B	34	8	26	33	95.2	8	13	9	4	.....	18	15	1
Bothwell	A	44	20	24	41	90.3	9	10	10	6	9	18	13	13
Brooklin	B	61	30	31	61	96.7	31	22	5	3	.....	26	34	1
Brownsville	B	36	12	24	35	96.1	10	9	8	9	.....	18	14	4
Brussels	A	80	33	47	80	95.3	17	24	16	15	8	44	36	....
Burgessville	B	33	17	16	32	95.0	11	10	2	10	.....	17	16	....
Caledon East	B	37	15	22	38	96.1	19	9	5	4	.....	21	16	....
Cannington	B	59	34	25	56	91.0	17	21	13	8	.....	31	21	7
Cardinal	A	72	32	40	70	95.6	15	30	13	10	4	52	16	4
Carp	A	61	19	42	59	90.3	23	13	9	16	.....	27	34	....
Castleton	B	29	11	18	29	92.2	9	7	5	8	.....	11	18	....
Chalk River	B	26	14	12	26	92.7	13	2	6	5	.....	25	1	....
Chatsworth	B	58	23	35	57	95.1	25	12	14	7	.....	17	41	....
Claremont	B	34	11	23	32	96.1	9	12	6	7	.....	24	10	....
Clifford	B	24	7	17	25	97.3	8	7	7	2	.....	12	5	7
Cobden	A	52	25	27	54	93.6	19	9	5	12	7	23	29	....
Coldwater	B	63	27	36	56	87.9	20	13	17	13	.....	39	24	....
Comber	A	66	28	38	61	95.5	32	12	8	9	5	28	38	....
Consecon	B	19	6	13	17	94.6	7	3	5	4	.....	12	7	....
Cookstown ('39)	B	73	30	43	59	81.1	21	18	19	15	.....	45	28	....
Cooksville	B	51	16	35	48	93.2	22	15	8	6	.....	39	12	....
Creemore	A	73	32	41	68	95.2	20	16	16	9	12	30	34	9
Cumberland	B	22	8	14	22	93.0	7	4	6	5	.....	18	4	....
Delaware	A	32	12	20	29	92.5	8	7	4	5	8	14	17	1
Delhi	A	93	45	48	87	90.3	35	25	20	13	.....	60	27	6
Delta	B	28	9	19	27	94.4	11	6	9	2	.....	13	15	....
Denbigh	B	27	12	15	26	97.3	4	12	7	4	.....	14	9	4
Dorchester	B	42	18	24	40	93.9	15	7	12	8	.....	25	17	....
Drayton	A	64	15	49	63	94.4	24	13	11	16	.....	13	51	....
Dresden	A	103	27	76	109	94.4	36	31	14	17	5	48	40	15
Drumbo	B	24	8	16	22	90.8	7	10	4	3	.....	12	12	....
Eganville (Pub.)	B	33	20	13	33	91.9	8	10	7	8	.....	27	6	....
Eganville (R.C.)	A	57	21	36	53	91.3	12	15	15	8	7	37	18	2
Elgin	A	66	26	40	60	90.6	14	21	15	10	6	17	48	1
Elmvale	B	61	22	39	58	95.5	22	19	13	7	.....	27	34	....
Embro	A	44	16	28	40	94.8	12	8	13	8	3	13	31	....
Ennismore	B	19	4	15	18	86.1	4	1	8	6	.....	9	5	5
Erin	B	59	23	36	58	95.6	16	14	22	7	.....	28	24	7
Fenelon Falls	A	69	32	37	67	95.9	14	12	15	14	14	24	44	1
Feversham	B	26	9	17	28	93.4	9	8	5	4	.....	8	18	....
Fingal	B	32	12	20	30	94.7	12	7	5	8	.....	16	16	....
Fitzroy Harbour	B	30	19	11	26	91.3	6	10	9	5	.....	21	9	....
Flinton	B	24	9	15	24	89.6	12	3	5	4	.....	9	14	1
Florence	A	52	20	32	49	93.9	26	10	7	9	.....	11	36	5
Forest Hill	A	334	171	163	314	93.9	117	94	78	45	.....	334	.....	....
Fordwich	B	27	14	13	27	95.8	7	7	9	4	.....	12	14	1
Forrester's Falls	B	29	14	15	27	90.3	3	11	8	7	.....	17	12	....
Frankford	A	47	26	21	46	95.6	20	12	5	6	4	33	5	9
Grand Valley	A	52	20	32	53	95.2	23	11	9	7	2	27	25	....
Haliburton	B	27	6	21	27	88.8	9	5	5	8	.....	27	.....	....
Hallville	A	41	16	25	40	92.3	15	8	7	8	3	27	11	3
Hensall	B	34	21	13	33	91.3	11	8	11	4	.....	22	12	....
Hepworth	B	41	18	23	41	93.6	16	15	6	4	.....	16	14	11
Highgate	B	21	7	14	22	96.7	4	9	4	4	.....	12	9	....
Holstein	B	27	17	10	27	91.3	13	5	5	4	.....	15	12	....

(a) Last school day in May.

TABLE 25—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1939-40

CONTINUATION SCHOOLS	Grade	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
		Enrolment (a)	Male	Female	Average Daily Attendance for the Year	Percentage Attendance Efficiency	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
In Counties														
Honeywood........	B	22	12	10	21	95.7	9	5	3	5	.....	11	11	....
Ilderton..........	B	58	23	35	55	89.9	22	11	15	10	.....	16	42	....
Inglewood..........	B	31	13	18	29	94.6	9	11	3	8	.....	13	18	....
Jarvis*............	B	43	16	27	43	95.2	11	15	8	9	.....	25	15	3
Kars...............	B	54	24	30	45	86.3	20	16	11	7	.....	24	30	....
Kenmore...........	B	22	11	11	20	94.8	5	5	4	8	.....	11	11	....
Kinburn...........	B	56	17	39	52	95.7	15	20	9	12	.....	9	47	....
Kinmount..........	B	23	8	15	23	85.8	9	6	5	3	.....	22	.....	1
Lambeth...........	B	50	22	28	50	95.4	22	15	6	7	.....	19	31	....
Lanark.............	B	60	17	43	57	91.1	25	12	10	13	.....	31	29	....
Lansdowne.........	B	53	23	30	51	95.0	20	16	7	10	.....	20	32	1
Laurel.............	C	10	5	5	9	91.9	1	9	......	......	.....	7	3	....
Lefroy ('39)........	B	35	18	17	34	92.5	14	12	5	4	.....	9	26	....
Lion's Head........	B	31	13	18	30	94.2	10	12	7	2	.....	17	14	....
Little Britain.......	B	38	21	17	35	91.2	14	6	7	11	.....	12	25	1
Lobo..............	B	50	24	26	44	88.0	19	12	11	8	.....	13	37	....
Long Branch.......	A	238	123	115	242	94.5	115	53	35	27	8	173	65	....
Lynden............	B	35	15	20	34	91.0	13	10	11	1	.....	18	17	....
Lyndhurst..........	A	59	36	23	59	91.6	13	18	15	6	7	9	50	....
Malakoff...........	B	13	7	6	11	92.2	1	3	4	5	.....	5	8	....
Mallorytown.......	B	60	24	36	56	92.8	23	7	13	17	.....	21	39	....
Manotick..........	B	49	17	32	45	92.8	13	11	10	15	.....	14	35	....
Melbourne.........	B	23	7	16	20	91.7	4	7	10	2	.....	8	11	4
Merlin.............	A	58	19	39	54	91.4	27	10	7	9	5	19	39	....
Merrickville........	B	46	14	32	44	94.7	17	8	11	10	.....	27	8	11
Metcalfe...........	B	53	19	34	53	92.1	15	15	10	13	.....	20	33	....
Millbrook..........	A	73	24	49	71	93.2	29	18	10	7	9	27	46	....
Milverton..........	A	75	33	42	69	93.8	21	23	9	14	8	37	37	1
Minden............	B	26	13	13	24	85.5	11	2	8	5	.....	21	5	....
Minesing...........	B	20	8	12	18	93.1	6	7	3	4	.....	12	8	....
Mount Albert.......	B	27	14	13	25	94.2	9	10	7	1	.....	13	12	2
Mount Bridges	B	51	18	33	48	92.8	16	17	8	10	.....	16	35	....
Mount Elgin.......	B	44	20	24	42	94.9	18	11	6	9	.....	18	26	....
Mount Pleasant.....	B	33	16	17	31	92.1	12	14	3	4	.....	26	7	....
Navan.............	B	45	24	21	43	92.6	10	12	13	10	.....	24	20	1
New Dundee.......	B	30	15	15	30	95.5	11	11	2	6	.....	13	16	1
New Hamburg......	A	39	20	19	34	85.0	17	22	......	......	.....	25	12	2
North Augusta......	B	35	10	25	34	91.6	13	6	7	9	.....	5	22	8
North Gower.......	B	35	9	26	36	91.5	7	9	12	7	.....	16	19	....
Odessa.............	B	53	24	29	49	93.9	19	19	6	9	.....	21	27	5
Oil Springs.........	B	35	9	26	32	92.1	10	7	10	8	.....	12	23	....
Orono.............	A	61	30	31	57	93.0	16	14	11	10	10	22	39	....
Otterville..........	B	37	9	28	37	88.8	9	18	5	5	.....	19	17	1
Paincourt..........	B	38	13	25	38	96.9	11	10	9	8	.....	35	3	....
Paisley.............	A	71	29	42	72	95.1	26	21	7	7	10	41	30	....
Pakenham..........	B	44	21	23	41	95.1	16	15	4	9	.....	20	21	3
Palmerston.........	A	89	35	54	87	97.5	32	16	20	6	15	58	14	17
Pelee Island........	B	23	11	12	22	92.6	12	6	2	3	.....	15	8	....
Pelham............	A	123	53	70	113	93.5	37	30	25	12	19	24	83	16
Pickering..........	B	56	26	30	60	95.3	28	10	11	7	.....	23	32	1
Plattsville..........	A	57	25	32	56	91.5	13	18	13	8	5	11	42	4
Port Burwell.......	B	28	9	19	25	81.6	9	5	7	7	.....	21	6	1
Preston............	A	236	92	144	236	95.6	66	61	56	44	9	185	50	1
Princeton..........	B	33	19	14	33	92.7	11	10	8	4	.....	16	11	6
Richmond..........	A	86	33	53	73	91.1	18	24	17	27	.....	35	51	....
Ripley.............	A	41	21	20	44	97.0	14	9	10	4	4	21	20	....
Rockwood..........	B	59	23	36	58	95.6	21	21	7	10	.....	29	25	5
Rodney............	A	66	25	41	67	94.1	13	21	15	8	9	42	24	....
Russell............	A	68	35	33	70	94.4	25	16	10	5	12	48	13	7
St. George..........	A	54	20	34	56	94.4	20	8	10	8	8	42	6	6
Schomberg.........	B	54	28	26	54	92.3	27	10	9	8	.....	18	27	9
Scotland...........	B	28	8	20	25	92.0	8	10	6	4	.....	15	8	5
Seeley's Bay........	B	40	17	23	39	92.9	9	18	10	3	.....	16	12	12
Selkirk.............	B	40	19	21	39	90.5	17	11	6	6	.....	11	29	....
Severn Bridge......	B	34	18	16	33	93.6	8	9	7	10	.....	3	7	24
Singhampton.......	B	22	9	13	21	90.5	5	8	6	3	.....	9	5	8
Southampton.......	A	68	20	48	70	97.8	29	17	10	7	5	65	3	....
South Mountain....	A	72	37	35	71	96.4	15	19	17	10	11	21	42	9
Sparta.............	B	28	14	14	27	89.6	11	7	4	6	.....	12	16	....
Spencerville........	A	58	29	29	56	92.3	15	12	16	15	.....	26	32	....
Springfield.........	B	37	14	23	34	93.5	11	16	6	4	.....	20	17	....
Stayner............	A	76	31	45	73	95.0	33	15	12	9	7	44	32	....
Stella..............	B	23	5	18	23	92.0	8	4	6	5	.....	8	15	....
Stevensville........	A	42	21	21	44	96.9	10	18	6	4	4	23	19	....

TABLE 25—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1939-40

CONTINUATION SCHOOLS	Grade	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
		Enrolment	Male	Female	Average Daily Attendance for the Year	Percentage Attendance Efficiency	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
In Counties														
Stouffville	A	122	51	71	124	95.7	31	32	24	15	20	49	56	17
Sunderland	B	48	16	32	51	90.8	15	11	18	4	.....	20	28	....
Sutton West	A	113	38	75	112	93.3	36	27	21	21	8	71	40	2
Tamworth	A	67	32	35	62	93.0	18	13	14	16	6	42	16	9
Tara	B	50	23	27	48	96.0	12	17	13	8	.....	16	24	10
Tavistock	B	46	24	22	44	96.4	21	9	9	7	.....	36	3	7
Teeswater	A	66	35	31	64	96.0	14	20	12	9	11	37	29	....
Thamesford	B	67	28	39	67	95.4	23	14	12	18	.....	31	34	2
Thamesville	A	54	21	33	54	96.3	15	14	19	6	.....	25	29	....
Thedford	B	28	3	25	27	93.9	16	4	5	3	.....	17	11	....
Thorndale	B	27	8	19	25	90.7	5	14	4	4	.....	9	17	1
Thornton	B	22	9	13	20	79.0	5	3	5	9	.....	8	13	1
Tiverton	B	18	7	11	17	95.5	10	6	2	.....	.....	10	8	....
Tottenham	B	68	23	45	63	92.1	27	14	10	17	.....	34	26	8
Wales	B	41	17	24	42	86.5	20	5	9	7	.....	11	.....	30
Warkworth	A	55	19	36	52	94.9	17	14	11	9	4	20	35	....
Wellesley	B	17	4	13	18	95.9	7	6	4	.....	.....	13	2	2
Wellington	A	77	32	45	76	90.7	21	14	9	17	16	55	22	....
West Lorne	B	48	25	23	47	93.6	16	16	12	4	.....	34	14	....
Westmeath	B	26	5	21	92	91.9	8	8	6	4	.....	19	7	....
Westport (Pub.)	B	44	11	33	42	93.8	11	11	14	8	.....	30	9	5
Westport (R.C.)	B	45	14	31	43	97.1	11	11	9	14	.....	30	8	7
Wheatley	A	79	40	39	76	95.2	28	15	14	18	4	41	22	16
Wilberforce	B	11	8	3	11	96.3	4	2	1	4	.....	11	.....	....
Wolfe Island	C	20	6	14	18	86.9	8	12	.....	.....	.....	10	10	....
Woodville	B	60	24	36	57	94.0	19	18	8	15	.....	24	33	3
Wooler	B	37	13	24	35	95.1	10	10	7	10	.....	20	17	....
Wroxeter	B	40	13	27	40	93.9	17	10	7	6	.....	13	27	....
Wyoming	B	37	18	19	38	95.9	16	11	4	6	.....	13	24	....
Totals	...	8,892	3,716	5,176	8,638	91.0	2,949	2,367	1,755	1,466	355	4,632	3,796	464
In Districts														
Blind River	A	66	35	31	59	96.2	29	17	5	11	4	64	2	....
Bruce Mines	B	53	19	34	50	94.4	24	10	10	9	.....	33	20	....
Burk's Falls	A	66	30	36	63	96.1	15	12	21	13	5	42	24	....
Coniston	A	71	28	43	73	96.8	37	13	15	6	.....	70	.....	1
Emo	A	29	9	20	29	90.8	12	9	3	5	.....	22	7	....
Espanola	A	75	33	42	77	94.1	31	25	8	10	1	65	10	....
Fraserdale	C	14	6	8	13	98.4	2	4	4	4	.....	13	1	....
Hornepayne	A	46	15	31	44	90.9	13	11	9	6	7	45	1	....
Little Current	B	38	17	21	36	91.2	16	12	4	6	.....	31	7	....
MacTier	B	39	12	27	38	95.3	5	11	16	7	.....	38	1	....
Manitowaning	B	25	6	19	23	92.1	9	8	2	6	.....	13	12	....
Massey	B	51	22	29	51	94.7	17	9	16	9	.....	40	9	2
Milford Bay	B	23	12	11	20	81.2	6	9	7	1	.....	19	4	....
Mindemoya	B	41	19	22	38	92.0	10	11	12	8	.....	28	13	....
Nipigon	B	24	14	10	18	95.3	9	8	5	2	.....	24	.....	....
Port Carling	B	63	32	31	58	91.5	22	22	5	14	.....	32	31	....
Powassan	B	58	23	35	60	96.3	15	12	16	15	.....	32	23	3
Red Lake	C	19	10	9	15	91.8	10	3	2	4	.....	19	.....	....
Richard's Landing	B	19	7	12	18	92.1	4	7	4	4	.....	17	2	....
Schreiber	A	94	49	45	82	94.9	28	16	18	24	8	89	5	....
Sioux Lookout	A	102	53	49	117	96.6	32	27	21	17	5	102	.....	....
Smooth Rock Falls	A	49	29	20	52	96.0	26	11	11	1	.....	36	13	....
South River	B	32	9	23	32	93.3	17	4	6	5	.....	32	.....	....
Sprucedale	B	13	7	6	12	90.4	6	.....	3	4	.....	10	3	....
Sundridge	B	35	18	17	38	95.1	8	11	6	10	.....	29	6	....
White River	C	11	3	8	10	96.0	1	3	6	1	.....	11	.....	....
Totals	...	1,156	517	639	1,126	94.5	404	285	235	202	30	956	194	6
Grand Totals	...	10,048	4,233	5,815	9,764	91.4	3,353	2,652	1,990	1,668	385	5,588	3,990	470
Increase for year	...	1,697	340	457	990	......	208	162	213	196	18	460	301	36
Decrease for year	...	......	.....	.....	......	2.0	......	......	......	......	.....	.....	.....	....
Percentages	...	......	42.1	57.9	97.2	......	33.4	26.4	19.8	16.6	3.8	55.6	39.7	4.7

TABLE 26—AGE-GRADE DISTRIBUTION, MAY, 1940

		11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years	20 years	21 years and over	Totals	Grade Totals
GRADE IX........	Boys	2	40	300	542	376	138	57	7	....	1	....	1,463	3,353
	Girls	....	45	449	755	445	157	36	2	....	....	1	1,890	
GRADE X........	Boys	....	1	34	238	459	316	101	22	4	....	1	1,176	2,652
	Girls	....	1	52	409	581	319	82	23	7	2	....	1,476	
GRADE XI........	Boys	....	....	2	33	183	343	176	46	7	4	2	796	1,990
	Girls	....	....	1	63	379	470	204	55	16	6	....	1,194	
GRADE XII........	Boys	....	....	....	3	25	169	230	131	56	14	3	631	1,668
	Girls	....	....	....	1	43	297	393	216	67	6	14	1,037	
GRADE XIII........	Boys	....	....	....	....	1	11	35	46	42	18	14	167	385
	Girls	....	....	....	....	2	14	69	77	37	12	7	218	
TOTALS BY SEXES...	Boys	2	41	336	816	1,044	977	599	252	109	37	20	4,233	
	Girls	....	46	502	1,228	1,450	1,257	784	373	127	26	22	5,815	
GRAND TOTALS...........		2	87	838	2,044	2,494	2,234	1,383	625	236	63	42	10,048	

TABLE 27—FINANCIAL STATISTICS, 1939

Schools	Average Daily Attendance (A)	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness (E)
		Legislative Grants	County Grant	Township Grant	School District Levy (B)	Current	Capital (C)	Current	Capital (C)	Total	
In Counties		$	$	$	$	$	$				$
Acton	64	679	1,057	......	4,967	5,098	2,204	40.7	17.6	58.3	17,974
Agincourt	120	2,199	3,682	1,800	3,948	11,632	4,212	49.0	17.7	66.7	66,983
Ailsa Craig	53	1,527	1,242	......	2,582	3,764	1,162	37.1	11.4	48.5	7,150
Allenford	36	951	788	......	1,601	2,978	656	44.2	9.7	53.9	5,900
Alton	24	1,069	920	900	1,215	3,134	568	69.4	12.6	82.0	4,932
Alvinston	60	945	2,374	......	2,432	4,510	915	40.5	8.2	48.7	5,912
Arkona	16	460	344	......	591	1,428	......	46.5	......	46.5	......
Aultsville	26	856	570	765	463	2,852	......	58.6	......	58.6	......
Ayr	46	775	1,887	......	777	3,439	......	39.6	......	39.6	......
Bancroft	54	1,324	320	......	1,853	3,288	209	32.5	2.1	34.6	7,211
Bath	31	1,171	1,167	......	800	3,115	......	52.8	......	52.8	......
Beachburg	25	788	1,733	900	1,005	3,300	1,005	70.5	21.4	91.9	3,796
Beaverton	96	1,521	2,090	......	2,274	6,071	430	31.8	2.3	34.1	27,653
Beeton	52	916	1,088	......	2,111	3,573	654	35.8	6.6	42.4	5,788
Belmont	47	649	1,634	......	1,556	3,568	......	40.3	......	40.3	......
Blackstock	48	3,213	4,520	498	669	5,689	1,241	60.1	13.1	73.2	10,699
Blyth	41	903	1,482	......	1,137	3,168	......	40.6	......	40.6	......
Bobcaygeon	52	891	1,449	......	3,777	4,895	1,204	47.8	11.8	59.6	9,998
Bolton	36	656	1,752	......	2,453	3,312	1,088	50.5	16.6	67.1	3,813
Bothwell	45	930	2,319	......	1,675	4,505	......	52.0	......	52.0	......
Brooklin	55	1,021	3,166	......	2,158	3,519	1,367	32.0	12.4	44.4	......
Brownsville	34	811	2,209	......	1,518	3,779	......	56.6	......	56.6	......
Brussels	83	1,194	1,466	......	2,959	5,527	......	35.5	......	35.5	......
Burgessville	31	788	2,103	......	2,022	3,381	1,605	57.1	27.1	84.2	12,835
Caledon East	31	1,121	1,369	900	677	2,991	677	47.9	11.0	58.9	1,251
Cannington	52	919	1,767	......	2,244	4,036	637	39.2	6.2	45.4	1,521
Cardinal	75	1,234	853	......	5,104	5,356	2,180	38.8	15.8	54.6	......
Carp	67	1,161	2,277	630	2,053	4,859	944	39.8	7.7	47.5	8,779
Castleton	28	1,000	2,114	......	1,766	3,183	1,118	57.3	20.1	77.4	11,164
Chalk River	22	750	59	80	1,735	2,625	......	60.3	......	60.3	......
Chatsworth	46	947	1,932	......	1,400	5,908	......	64.6	......	64.6	......
Claremont	31	807	1,376	900	2,798	3,318	1,651	56.2	28.0	84.2	26,393
Clifford	27	692	1,857	......	1,247	3,029	784	53.2	13.8	67.0	1,960
Cobden	47	4,421	707	......	3,600	5,043	1,621	58.0	18.7	76.7	21,261
Coldwater	47	1,061	1,046	......	2,456	3,238	1,342	34.2	14.2	48.4	12,867

TABLE 27—FINANCIAL STATISTICS, 1939

Schools	Average Daily Attendance (A)	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness (E)
		Legislative Grants	County Grant	Township Grant	School District Levy (B)	Current	Capital (C)	Current	Capital (C)	Total	
In Counties		$	$	$	$	$	$				$
Comber	59	785	3,070	1,000	1,308	5,288	1,308	45.4	11.2	56.6	7,847
Consecon	16	469	927	......	1,409	2,277	......	76.2	......	76.2	......
Cookstown	60	1,019	816	......	2,127	3,434	......	30.4	......	30.4	......
Cooksville	43	711	798	......	4,128	4,630	1,004	56.0	12.2	68.2	8,126
Creemore	67	942	634	......	2,311	5,377	712	42.1	5.6	47.8	10,490
Cumberland	21	657	434	......	948	1,955	137	46.5	3.3	49.8	578
Delaware	30	781	1,586	1,586	1,030	4,179	1,030	69.7	17.2	86.9	19,573
Delhi	88	637	1,064	......	4,500	4,065	......	21.2	......	21.2	......
Delta	29	1,154	1,173	......	1,093	3,743	......	65.7	......	65.7	......
Denbigh	22	1,016	455	200	67	2,025	302	46.1	6.9	53.0	7,600
Dorchester	39	787	1,341	1,336	3,348	2,880	1,674	39.3	22.8	62.1	7,147
Drayton	62	1,632	4,787	......	588	7,007	......	60.0	......	60.0	......
Dresden	109	1,522	3,548	......	2,301	7,610	585	37.2	2.9	40.1	4,741
Drumbo	28	952	1,319	360	758	4,173	......	79.7	......	79.7	......
Eganville	39	1,246	707	......	3,203	3,624	884	47.6	11.6	59.2	4,396
Eganville R.C.	64	1,898	......	......	......	3,448	......	29.2	......	29.2	......
Elgin	62	2,743	3,117	......	2,405	5,139	1,445	44.9	12.7	57.6	3,936
Elmvale	60	1,117	1,223	......	1,042	3,706	......	32.8	......	32.8	......
Embro	43	857	3,202	......	4,868	4,961	1,043	61.5	12.9	74.4	9,246
Ennismore	20	1,317	748	......	653	2,392	......	65.0	......	65.0	......
Erin	61	938	2,373	......	2,255	4,002	1,565	35.2	13.7	48.9	10,642
Fenelon Falls	74	1,154	3,926	......	4,325	6,374	3,120	46.0	22.5	68.5	26,949
Feversham	26	1,103	1,723	765	106	2,853	548	56.6	10.9	67.5	2,192
Fingal	27	555	115	......	2,260	2,889	......	53.5	......	53.5	......
Fitzroy	29	1,141	538	900	500	2,883	......	52.7	......	52.7	......
Flinton	24	825	633	......	135	2,067	......	43.9	......	43.9	......
Florence	42	495	3,416	800	954	5,475	1,571	65.5	18.8	84.3	26,717
Fordwich	27	865	1,491	900	......	2,869	902	58.3	18.3	76.6	5,775
Forest Hill	251	......	77	......	54,058	31,961	13,747	68.6	29.5	98.1	175,211
Forester's Falls	32	645	849	1,080	481	2,420	......	40.8	......	40.8	......
Frankford	93	1,021	1,482	......	4,112	5,000	2,064	44.7	18.5	63.2	37,310
Grand Valley	56	995	1,828	......	2,048	5,097	......	47.8	......	47.8	......
Haliburton	26	916	......	......	2,484	2,630	772	54.3	15.9	70.2	2,676
Hallville	41	2,421	2,627	1,080	4,681	7,321	2,192	97.7	29.2	126.9	3,717
Hensall	35	786	1,740	......	2,729	3,863	591	60.2	9.2	69.4	2,300
Hepworth	41	1,554	1,559	......	1,090	3,196	1,090	39.8	13.6	53.4	6,491
Highgate	27	637	1,224	......	963	3,208	963	60.3	18.1	78.4	4,890

TABLE 27—FINANCIAL STATISTICS, 1939

Schools	Average Daily Attendance (A)	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness (E)
		Legislative Grants	County Grant	Township Grant	School District Levy (B)	Current	Capital (C)	Current	Capital (C)	Total	
In Counties		$	$	$	$	$	$				$
Holstein	30	715	2,100	765	....	3,460	585	61.1	10.3	71.4	9,367
Honeywood	21	707	1,254	900	642	2,533	642	63.4	16.1	79.5	5,837
Ilderton	55	954	1,584	900	989	3,647	....	33.2	....	33.2	....
Inglewood	30	889	1,693	720	683	2,887	932	48.6	15.7	64.3	5,903
Jarvis	45	1,332	1,143	....	2,854	3,600	1,618	41.3	18.5	59.8	20,473
Kars	45	726	1,168	850	....	2,863	....	32.4	....	32.4	....
Kenmore	24	1,051	1,194	600	349	3,177	....	70.1	....	70.1	....
Kinburn	48	1,359	2,577	1,400	....	4,500	911	49.4	10.0	59.4	6,375
Kinmount	20	1,041	....	319	78	1,610	....	41.8	....	41.8	....
Lambeth	43	589	1,708	....	1,695	4,130	....	49.0	....	49.0	....
Lanark	61	1,588	....	....	1,597	3,107	....	26.0	....	26.0	....
Lansdowne	43	784	1,377	315	1,031	3,194	....	37.4	....	37.4	1,250
Laurel	11	....	....	540	324	1,238	....	57.9	....	57.9	....
Lefroy	42	689	4,439	....	782	4,355	782	56.8	10.2	67.0	9,798
Lion's Head	30	1,102	737	....	1,355	2,403	682	40.3	11.4	51.7	6,399
Little Britain	32	863	2,241	900	1,406	3,549	1,805	58.5	29.7	88.2	16,249
Lobo	40	1,182	2,555	900	511	4,665	....	59.1		59.1	....
Long Branch	230	3,629	4,088	....	12,355	15,597	4,472	34.4	9.9	44.3	48,590
Lynden	34	964	....	900	1,853	4,169	963	65.8	15.2	81.0	9,237
Lyndhurst	51	1,428	2,991	680	1,472	7,823	1,472	81.1	15.3	96.4	18,630
Malakoff	12	383	906	608	....	1,896	....	80.5	....	80.5	....
Mallorytown	50	1,265	1,832	....	1,308	4,081	1,308	43.7	14.0	57.7	2,616
Manotick	47	1,464	1,328	270	....	3,951	1,012	44.4	11.4	55.8	1,798
Melbourne	27	1,007	1,450	....	800	3,176	....	63.2	....	63.2	....
Merlin	44	661	2,397	....	736	4,652	....	55.1	....	55.1	....
Merrickville	45	1,418	1,372	....	1,907	4,151	533	49.0	6.3	55.3	5,466
Metcalfe	56	1,752	913	....	775	3,074	....	29.3	....	29.3	....
Millbrook	72	1,237	3,711	....	2,385	5,305	2,582	38.8	18.9	57.7	17,264
Milverton	67	1,130	1,991	....	6,938	5,915	2,236	45.7	17.3	63.0	19,982
Minden	23	955	....	225	825	1,878	....	45.4	....	45.4	....
Minesing	21	407	633	720	367	2,126	....	55.1	....	55.1	....
Mount Albert	26	1,010	1,738	900	2,019	4,372	2,254	88.1	45.4	133.5	21,489
Mount Brydges	52	1,779	1,515	....	986	3,549	....	35.7	....	35.7	....
Mount Elgin	40	794	2,438	339	1,118	4,233	1,118	54.0	14.3	68.3	8,946
Mount Pleasant	33	708	151	208	4,828	3,371	1,828	52.3	28.3	80.6	16,448
Navan	36	869	888	....	1,972	3,147	363	46.8	5.4	52.2	1,530

TABLE 27—FINANCIAL STATISTICS, 1939

Schools	Average Daily Attendance (A)	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness (E)
		Legislative Grants	County Grant	Township Grant	School District Levy (B)	Current	Capital (C)	Current	Capital (C)	Total	
In Counties		$	$	$	$	$	$				$
New Dundee	30	869	2,436	....	1,003	3,146	1,003	55.9	17.8	73.7	7,745
New Hamburg	57	957	717	....	6,579	5,192	434	50.9	4.3	55.2	723
North Augusta	32	775	2,529	765	3,000	3,543	265	56.2	4.2	60.4	....
North Gower	45	1,055	....	900	1,029	2,893	....	34.1	....	34.1	....
Odessa	45	928	1,525	....	....	3,647	....	41.7	....	41.7	....
Oil Springs	34	1,369	747	429	560	2,967	....	45.1	....	45.1	....
Orono	57	1,307	3,213	1,260	967	5,645	1,138	53.7	10.8	64.5	9,898
Otterville	34	834	2,104	360	1,410	3,582	1,149	54.7	17.5	72.2	7,270
Paisley	61	1,076	1,765	....	2,529	5,372	....	45.5	....	45.5	....
Paincourt	38	456	510	....	3,010	3,905	....	55.3	....	55.3	....
Pakenham	40	1,148	735	900	....	2,932	....	40.4	....	40.4	....
Palmerston	84	762	1,533	....	3,158	5,455	†	34.4	†	34.4	25,000
Pelee Island	16	919	....	418	840	2,727	408	87.3	13.1	100.4	....
Pelham	114	2,438	11,016	1,260	2,289	16,707	3,852	73.7	17.0	90.7	22,287
Pickering	63	1,406	2,179	900	1,528	3,927	1,528	38.7	15.1	53.8	8,626
Plattsville	63	965	3,027	504	600	5,095	....	44.8	....	44.8	....
Port Burwell	22	1,180	791	900	2,322	4,204	1,305	96.5	30.0	126.5	13,046
Preston	248	1,621	2,547	....	20,084	17,991	6,473	38.6	13.9	52.5	15,252
Princeton	37	739	1,236	....	1,610	3,587	....	50.4	....	50.4	....
Richmond	77	1,581	3,287	....	1,975	5,154	1,250	35.9	8.7	44.6	13,342
Ripley	46	647	2,475	....	2,480	5,350	430	62.1	5.0	67.1	1,506
Rockwood	55	1,304	1,807	900	1,304	3,496	1,548	31.7	14.1	45.8	12,528
Rodney	59	891	753	840	3,922	4,090	611	47.9	7.2	55.1	1,922
Russell	96	1,930	669	1,260	2,205	5,198	....	41.1	....	41.1	....
St. George	56	743	2,335	....	5,826	6,112	1,626	58.0	15.4	73.4	17,625
Schomberg	49	859	3,317	900	1,209	4,623	1,209	47.2	12.3	59.5	14,144
Scotland	25	656	1,615	....	1,973	3,112	1,211	65.2	25.4	90.6	3,000
Seeley's Bay	39	1,269	1,407	680	1,465	4,246	963	56.5	12.8	69.3	13,481
Selkirk	33	3,173	2,512	....	....	3,606	....	54.9	....	54.9	....
Severn Bridge	33	1,349	1,074	900	406	3,670	406	58.0	6.4	64.4	4,079
Singhampton	23	726	955	675	757	2,272	757	49.5	16.5	66.0	4,795
Southampton	61	811	259	....	4,486	5,446	226	47.1	2.0	49.1	836
South Mountain	72	6,498	2,351	765	285	6,330	773	45.9	5.6	51.5	9,781
Sparta	23	703	1,166	....	500	3,774	....	85.7	....	85.7	....
Spencerville	56	1,293	1,733	1,555	531	4,783	....	43.4	....	43.4	....
Springfield	38	852	1,791	....	2,209	3,083	1,799	42.4	24.7	67.1	14,394

TABLE 27—FINANCIAL STATISTICS, 1939

Schools	Average Daily Attendance (A)	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness (E)
		Legislative Grants	County Grant	Township Grant	School District Levy (B)	Current	Capital (C)	Current	Capital (C)	Total	
In Counties		$	$	$	$	$	$				$
Stayner	62	832	2,761	....	3,805	5,577	2,305	45.0	18.6	63.6	19,799
Stella	21	991	1,030	....	325	2,256	....	54.7	....	54.7	....
Stevensville	46	1,183	1,937	....	5,373	6,107	2,006	68.6	22.5	91.1	14,259
Stouffville	122	6,588	4,794	....	6,639	10,029	2,570	41.3	10.6	51.9	19,757
Sunderland	49	939	1,275	....	1,551	3,135	....	32.0	....	32.0	....
Sutton West	96	1,026	3,076	....	6,984	7,147	3,234	37.5	17.0	54.5	39,696
Tamworth	59	1,608	1,364	800	1,852	5,380	....	47.1	....	47.1	....
Tara	48	1,013	1,312	....	978	3,305	....	36.1	....	36.1	....
Tavistock	45	727	1,408	....	2,900	4,401	....	56.3	....	56.3	....
Teeswater	63	1,530	2,454	....	3,952	6,736	1,635	56.1	13.6	69.7	4,368
Thamesford	62	1,012	1,964	....	2,838	3,652	1,311	29.7	10.7	40.4	9,180
Thamesville	54	998	2,030	....	3,903	5,638	1,151	53.7	11.0	64.7	4,913
Thedford	25	637	2,181	....	1,362	3,491	1,362	73.2	28.6	101.8	8,166
Thornbury	93	1,938	3,193	....	2,805	7,942	....	43.7	....	43.7	....
Thorndale	35	831	1,316	....	80	3,081	....	47.9	....	47.9	....
Thornton	26	755	1,149	900	651	2,688	651	53.5	13.0	66.5	13,010
Tiverton	16	640	743	....	902	2,609	....	80.9	....	80.9	....
Tottenham	110	1,293	1,196	....	666	3,153	....	33.6	....	33.6	....
Wales	39	965	2,289	765	....	2,923	398	40.4	5.5	45.9	398
Warkworth	54	3,971	2,559	1,260	1,068	5,636	596	56.1	5.9	62.0	5,980
Wellesley	18	453	....	36	1,692	2,165	520	63.8	15.3	79.1	....
Wellington	68	682	1,659	....	6,395	6,439	3,303	49.8	25.5	75.3	46,260
West Lorne	45	774	284	....	2,552	2,978	....	33.9	....	33.9	....
Westmeath	22	499	349	900	200	2,170	....	51.9	....	51.9	....
Westport	41	1,309	321	....	1,072	3,082	....	39.4	....	39.4	....
Westport R.C.	39	1,015	903	....	630	3,191	....	43.7	....	43.7	....
Wheatley	80	1,613	3,618	....	4,616	6,511	2,616	42.9	17.2	60.1	5,991
Wilberforce	12	501	....	....	253	1,702	....	77.1	....	77.1	....
Wolfe Island	20	454	6	360	....	1,248	....	31.3	....	31.3	....
Woodville	56	1,393	2,079	....	1,900	3,771	1,569	36.7	15.3	52.0	20,395
Wooler	41	1,887	855	900	105	3,829	....	48.7	....	48.7	....
Wroxeter	36	716	1,521	900	400	3,039	....	44.7	....	44.7	....
Wyoming	35	1,086	957	....	1,000	3,081	324	46.3	4.9	51.2	1,295
Totals and Averages	8,710	$205,022	$289,109	$55,231	$403,231	$775,380	$152,736	47.3	9.3	56.6	$1,352,784

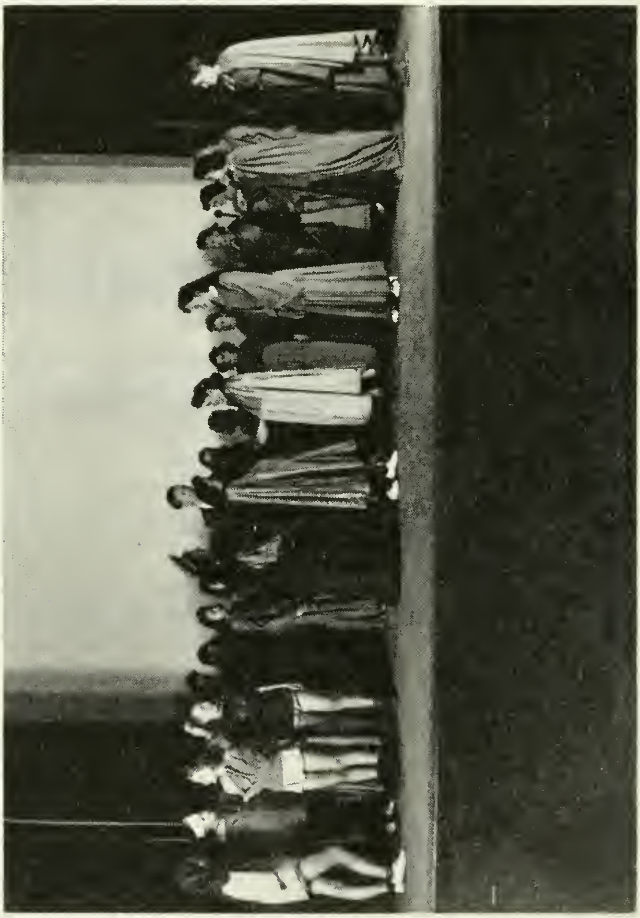
TABLE 27—FINANCIAL STATISTICS, 1939

Schools	Average Daily Attendance (A)	Major Sources of Receipts				Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness (E)
		Legislative Grants		Township Grant	School District Levy (B)	Current	Capital † (C)	Current	Capital (C)	Total	
		Ordinary	District								
In Districts		$	$	$	$	$	$				$
Blind River	62	1,474	....	....	3,811	5,346	D	45.7	D	....	33,557
Bruce Mines	45	1,218	571	....	1,926	3,110	726	36.6	8.5	45.1	4,056
Burk's Falls	65	1,374	724	....	2,257	4,288	....	33.2	....	33.2	....
Coniston	68	1,345	....	....	9,775	7,938	....	61.2	....	61.2	....
Emo	31	1,287	525	....	2,260	3,499	260	56.7	4.2	60.9	247
Espanola	75	1,345	648	....	1,595	4,169	....	28.0	....	28.0	....
Fraserdale	15	....	....	....	1,374	2,449	....	94.6	....	94.6	....
Hornepayne	45	4,062	....	....	5,202	5,245	1,482	56.0	15.8	71.8	22,161
Little Current	35	1,257	....	....	1,950	3,630	....	54.3	....	54.3	....
MacTier	46	1,370	....	....	2,089	3,486	610	41.0	7.2	48.2	4,882
Manitowaning	18	922	....	200	900	2,084	....	57.7	....	57.7	....
Massey	40	1,109	....	....	1,551	2,615	....	33.2	....	33.2	....
Milford Bay	19	1,044	....	225	1,857	2,838	....	73.3	....	73.3	....
Mindemoya	36	1,384	681	250	1,521	3,241	741	48.8	11.1	59.9	5,230
Nipigon	24	939	....	....	2,060	2,821	217	66.5	5.1	71.6	6,394
Port Carling	41	1,945	....	....	2,249	3,801	488	48.6	6.2	54.8	2,441
Powassan	59	1,703	2,035	....	1,464	3,895	1,308	34.9	11.7	46.6	13,078
Red Lake	13	3,375	....	....	(F) 5,301	2,217	....	92.1	....	92.1	....
Richard's Landing	20	887	....	600	301	2,113	....	57.1	....	57.1	....
Schreiber	80	1,344	166	....	7,827	7,857	2,752	50.4	17.7	68.1	26,042
Sioux Lookout	117	2,045	....	....	4,400	6,260	....	28.6	....	28.6	....
Smooth Rock Falls	46	726	604	....	7,894	8,945	....	96.4	....	96.4	....
South River	32	1,199	....	....	1,103	2,959	....	48.1	....	48.1	....
Sprucedale	12	707	149	....	1,080	1,759	....	83.2	....	83.2	....
Sundridge	37	1,330	....	....	1,052	3,004	....	43.4	....	43.4	....
White River	12	....	....	....	3,338	2,672	....	115.3	....	115.3	....
Totals and Averages	1,093	35,391	6,103	1,275	81,339	102,241	8,584	48.7	4.1	52.8	118,088
Grand Totals and Averages	9,803	246,516		56,506	483,570	877,621	161,320	47.5	8.7	56.2	(G)1,470,872

A Average Daily Attendance for calendar year.
B Includes levy for debenture payments.
C Payments on debenture debt.

D In default.
E In some cases this may include Public School.
F Community donations.
† Debts sold in 1939 no payment till 1940.

G The larger part of the increase of this figure over 1938 is due to more complete reporting. The amount recorded as sold during the year was $35,238.01.



Amateur Theatricals

THE COLLEGIATE INSTITUTES AND HIGH SCHOOLS

TABLE 28—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1939-40

	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
COLLEGIATE INSTITUTES	May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
In Counties													
Barrie	560	240	320	533	93.8	190	121	109	73	67	385	175	....
Belleville	731	356	375	641	95.7	289	149	113	96	84	527	172	32
Brantford	965	392	573	954	93.7	390	176	158	137	104	749	191	25
Brockville	433	200	233	429	96.1	151	92	64	74	52	357	76	....
Chatham	519	264	255	501	94.0	152	132	99	95	41	375	142	2
Clinton	170	72	98	169	95.6	55	36	38	19	22	88	82	....
Cobourg	330	140	190	314	94.6	67	86	101	48	28	242	88	....
Collingwood	275	105	170	295	94.9	83	73	60	33	26	216	45	14
Cornwall	589	305	284	583	95.4	267	115	100	69	38	396	186	7
Galt	384	173	211	380	95.0	165	80	42	73	24	284	75	25
Goderich	255	102	153	260	95.0	71	63	66	28	27	167	87	1
Guelph	632	321	311	589	93.2	154	164	125	113	76	503	127	2
Hamilton—Central	823	408	415	803	95.7	200	217	165	136	105	803	19	1
Delta	806	392	414	777	95.3	243	191	166	115	91	794	12	....
Westdale	769	373	396	749	94.9	179	189	168	133	100	718	51	....
Ingersoll	230	101	129	233	95.4	82	55	56	24	13	187	41	2
Kingston	1,022	493	529	946	94.7	386	195	218	131	92	826	188	8
Kitchener-Waterloo	638	313	325	599	94.5	......	200	192	150	96	570	67	1
Lindsay	503	230	273	487	93.0	138	107	117	64	77	365	112	26
London—Central	1,007	470	537	946	95.3	241	211	228	200	127	830	170	7
Sir A. Beck	596	274	322	586	95.7	143	136	148	87	82	503	92	1
South	636	292	344	625	94.8	152	167	132	119	66	551	85	....
Morrisburg	153	60	93	149	95.2	31	46	34	21	21	65	86	2
Napanee	204	79	125	194	96.4	79	41	31	29	24	104	94	6
Niagara Falls	415	193	222	427	96.5	136	103	87	59	30	405	5	5
Orillia	487	203	284	477	94.0	151	128	88	91	29	377	99	11
Oshawa	666	318	348	680	96.2	234	168	137	93	34	555	100	11
Ottawa—Glebe	1,529	772	757	1,466	94.8	366	327	356	259	221	1,519	5	5
Lisgar	1,076	507	569	1,042	94.5	288	253	220	205	110	945	120	11
Owen Sound	426	201	225	414	94.4	115	100	70	92	49	315	103	8
Pembroke	191	94	97	197	95.5	47	37	59	26	22	161	30	....
Perth	297	153	144	285	96.2	73	76	60	46	42	179	106	12
Peterborough	592	278	314	573	95.8	179	122	131	92	68	448	125	19
Picton	172	74	98	174	95.3	67	37	31	19	18	91	81	....
Renfrew	246	127	119	237	96.7	60	78	46	41	21	180	66	....
St. Catharines	913	442	471	917	94.5	405	173	141	118	76	766	146	1
St. Mary's	277	125	152	281	93.7	90	61	65	32	29	178	73	26
St. Thomas	683	299	384	639	92.3	179	134	159	120	91	507	171	5
Sarnia	698	333	365	645	94.9	191	166	178	101	62	526	171	1
Scarboro	486	249	237	472	94.3	261	75	75	41	34	465	7	14
Seaforth	144	61	83	141	93.8	38	43	28	21	14	71	67	6
Smith's Falls	420	177	243	406	95.1	133	101	113	50	23	304	67	49
Stamford	469	169	300	425	96.1	151	136	66	68	48	325	74	70
Stratford	731	401	330	753	96.3	211	209	127	116	68	644	79	8
Strathroy	189	75	114	183	92.3	54	49	41	24	21	108	76	5
Toronto—Bloor	620	346	274	611	94.9	198	126	130	94	72	619	1	....
Harbord	1,248	774	474	1,170	96.0	373	291	243	200	141	1,245	.....	3
Humberside	1,434	720	714	1,346	95.3	357	310	325	256	186	1,396	36	2
Jarvis	896	501	395	835	93.3	210	181	201	158	146	885	7	4
Lawrence Park	1,169	582	587	1,070	94.1	283	281	243	183	179	1,130	39	....
Malvern	1,347	644	703	1,284	91.9	413	312	235	189	198	1,335	12	....
North	1,260	664	596	1,174	92.0	288	275	262	251	184	1,191	64	5
Oakwood	993	533	460	956	94.4	244	241	191	177	140	993	.....	....
Parkdale	911	491	420	883	94.3	254	202	178	171	106	911	.....	....
Riverdale	1,082	591	491	1,023	94.7	312	257	196	194	123	1,082	.....	....
Vankleek Hill	167	58	109	163	95.3	42	42	32	25	26	39	101	27
Weston	413	222	191	403	93.6	121	84	79	69	60	245	160	8
Windsor—Kennedy	983	465	518	966	97.3	342	213	196	139	93	914	69	....
Patterson	899	416	483	897	96.3	308	226	164	125	76	891	8	....
Sandwich	500	208	292	508	97.0	146	122	93	99	40	474	26	....
Walkerville	959	489	470	909	96.8	224	177	247	191	120	848	111	....
Woodstock	491	243	248	492	95.7	173	110	104	68	36	329	160	2
York Twp.—													
Runnymede	865	460	405	824	93.7	282	169	186	133	95	614	238	13
Vaughan Road	1,204	633	571	1,209	90.0	498	256	209	136	105	1,147	56	1
Memorial	689	348	341	695	95.0	334	150	115	65	25	687	2	....
York East Twp.	925	563	362	908	93.9	343	221	171	126	64	906	19	....
York North Twp.	323	163	160	315	95.2	88	83	69	54	39	235	88	....
Totals	43,715	21,520	22,195	42,217	94.8	13,170	9,947	8,877	6,884	4,837	37,790	5,431	494
In Districts													
Fort William	698	299	399	678	96.4	193	175	150	107	73	637	61	....
North Bay	632	289	343	578	95.8	239	134	112	86	61	553	51	28
Port Arthur	358	160	198	352	94.9	......	101	112	66	79	338	17	3
Sault Ste. Marie	741	341	400	723	92.1	196	188	154	133	70	684	57	....
Totals	2,429	1,089	1,340	2,331	94.7	628	598	528	392	283	2,212	186	31
All Coll. Institutes	46,144	22,609	23.535	44,548	94.8	13.798	10.545	9.405	7.276	5.120	40.002	5.617	525

TABLE 28—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1939-40

HIGH SCHOOLS	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
In Counties													
Alexandria	115	37	78	108	95.2	34	25	22	19	15	106	6	3
Alliston	161	53	108	159	92.1	45	35	28	26	27	70	86	5
Almonte	129	60	69	127	97.4	48	22	21	23	15	84	42	3
Amherstburg	153	65	88	151	94.7	36	38	41	28	10	96	57	....
Arnprior	302	136	166	287	91.0	112	66	68	25	31	203	64	35
Arthur	159	67	92	147	92.7	40	38	30	28	23	61	96	2
Athens	144	65	79	135	91.8	44	33	28	21	18	37	107	....
Aurora	205	93	112	199	95.6	73	44	39	20	29	107	97	1
Avonmore	70	31	39	67	94.7	19	21	......	20	10	62	6	2
Aylmer	223	82	141	216	91.2	59	53	60	25	26	105	113	5
Beamsville	170	77	93	177	93.3	64	34	35	24	13	39	131	....
Blenheim	199	74	125	199	95.3	59	49	46	23	22	78	121	....
Bowmanville	273	114	159	272	93.7	75	54	53	53	38	187	86	....
Bradford	99	38	61	97	95.0	23	25	22	18	11	44	52	3
Brampton	345	136	209	356	96.6	117	73	74	49	32	190	147	8
Brighton	106	35	71	90	92.2	37	22	17	20	10	68	38	....
Burford	94	38	56	87	89.1	39	24	9	15	7	94	......	....
Burlington	261	107	154	267	95.4	74	60	60	30	37	153	88	20
Caledonia	197	89	108	180	96.2	50	66	48	20	13	69	73	55
Campbellford	189	86	103	192	93.4	59	39	36	24	31	98	86	5
Carleton Place	252	102	150	258	94.6	108	53	38	34	19	177	66	9
Cayuga	94	39	55	85	95.3	32	17	20	8	17	30	64	....
Chesley	126	50	76	125	96.2	43	27	21	22	13	72	45	9
Chesterville	130	52	78	125	94.6	40	37	15	27	11	53	69	8
Colborne	106	46	60	97	89.3	29	19	21	15	22	53	51	2
Deseronto	91	43	48	86	95.8	34	25	16	6	10	47	34	10
Dundalk	85	37	48	85	96.4	31	20	12	10	12	34	26	25
Dundas	197	80	117	191	90.4	78	42	47	22	8	135	62	....
Dunnville	212	95	117	216	96.2	69	56	37	27	23	128	81	3
Durham	102	43	59	97	92.1	44	25	18	6	9	61	41	....
Dutton	119	46	73	114	92.0	26	25	15	27	26	37	82	....
Elmira	194	93	101	191	97.2	72	41	39	25	17	107	81	6
Elora	98	34	64	98	93.9	31	26	25	9	7	53	45	....
Embrun	65	29	36	61	97.4	14	14	13	9	15	49	11	5
Essex	241	110	131	241	93.8	79	50	51	38	23	106	135	....
Etobicoke	333	158	175	329	94.5	85	84	73	51	40	321	8	4
Exeter	191	77	114	184	94.3	45	39	53	32	22	68	116	7
Fergus	219	87	132	221	94.9	66	58	40	19	36	145	64	10
Finch	104	34	70	100	94.7	32	20	20	15	17	24	80	....
Flesherton	84	48	36	81	94.8	26	22	17	12	7	78	6	....
Forest	151	58	93	142	95.5	50	31	28	24	18	60	7	84
Fort Erie	274	117	157	278	94.3	106	55	57	45	11	249	25	....
Gananoque	189	87	102	179	95.7	64	48	43	20	14	146	31	12
Georgetown	124	44	80	126	94.9	32	31	27	17	17	73	41	10
Glencoe	130	44	86	123	95.4	33	32	28	23	14	85	33	12
Grimsby	148	61	87	146	96.2	42	34	20	25	27	96	52	....
Hagersville	155	70	85	164	94.9	49	52	23	17	14	68	74	13
Hanover	186	75	111	183	94.0	55	55	36	26	14	109	48	29
Harriston	98	39	59	94	95.3	29	21	13	15	20	62	33	3
Harrow	94	38	56	93	93.9	27	32	18	12	5	92	2	....
Havelock	76	29	47	73	93.2	25	17	16	11	7	57	17	2
Hawkesbury (Eng.)	65	40	25	68	93.9	16	15	13	9	12	37	15	13
(Fr.)	157	72	85	155	96.1	49	40	33	35	.....	139	16	2
Iroquois	91	44	47	91	96.4	27	23	20	11	10	35	53	3
Kemptville	150	67	83	155	93.5	37	46	26	20	21	55	84	11
Kincardine	156	66	90	157	94.6	52	37	34	18	15	78	77	1
Kingsville	179	93	86	144	93.4	65	39	33	31	11	118	61	....
Lakefield	102	39	63	97	92.6	29	25	15	20	13	58	44	....

TABLE 28—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1939-40

HIGH SCHOOLS	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREAS		
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
In Counties													
Leamington.......	346	173	173	355	93.9	118	91	65	41	31	209	132	5
Listowel..........	225	82	143	223	93.5	79	51	56	20	19	90	111	24
Lucan............	87	37	50	76	92.8	27	21	23	10	6	29	58	....
Lucknow.........	90	42	48	92	94.2	19	24	21	10	16	33	18	39
Madoc...........	133	59	74	126	95.3	32	33	31	24	13	130	......	3
Markdale.........	94	41	53	82	94.7	34	18	18	14	10	36	57	1
Markham........	179	74	105	172	94.1	72	38	33	24	12	55	101	23
Marmora.........	93	28	65	93	92.8	27	23	16	23	4	43	49	1
Maxville.........	126	61	65	120	74.9	38	26	35	14	13	40	35	51
Meaford..........	191	81	110	188	96.7	62	42	34	25	28	106	82	3
Merritton........	191	85	106	191	93.3	42	63	46	21	19	119	72	....
Midland..........	347	137	210	357	94.8	109	76	87	42	33	269	75	3
Milton...........	177	76	101	171	90.2	61	33	47	22	14	82	95	....
Mimico..........	785	389	396	783	95.9	295	212	162	78	38	403	382	....
Mitchell..........	167	66	101	166	95.2	53	41	31	20	22	60	106	1
Morewood........	56	32	24	48	90.7	12	17	11	12	4	14	28	14
Mount Forest.....	121	42	79	125	96.5	40	28	18	17	18	75	23	23
Nepean..........	451	182	269	455	95.5	123	114	95	67	52	420	31	....
Newburgh........	71	38	33	69	91.8	23	15	11	7	15	13	57	1
Newcastle........	27	12	15	27	93.8	7	12	2	6	.....	14	13	....
Newmarket.......	276	124	152	291	95.9	85	77	46	44	24	157	108	11
Niagara..........	76	35	41	75	94.1	24	17	11	14	10	47	29	....
Norwich..........	114	45	69	105	94.5	28	33	29	12	12	57	50	7
Norwood.........	122	52	70	116	92.7	26	34	28	15	19	47	64	11
Oakville..........	265	107	158	273	95.4	91	59	55	34	26	151	114	....
Omemee..........	48	20	28	46	93.0	14	15	9	10	.....	28	18	2
Orangeville.......	186	91	95	166	92.9	45	40	60	20	21	108	49	29
Paris.............	200	99	101	211	95.8	91	45	29	16	19	136	50	14
Parkhill..........	114	47	67	106	94.0	25	28	19	23	19	40	64	10
Penetanguishene...	150	54	96	162	95.6	53	46	32	19	.....	130	11	9
Petrolia..........	224	96	128	203	94.4	64	58	42	22	38	127	97	....
Plantagenet.......	102	36	66	102	97.7	22	15	26	26	15	72	30	....
Pcrt Colborne.....	415	190	225	413	96.4	151	126	74	36	28	296	119	....
Port Credit.......	437	172	265	407	93.5	153	126	91	45	22	107	329	1
Port Dover.......	87	42	45	84	91.7	24	23	26	14	.....	57	26	4
Port Elgin........	91	33	58	90	90.1	25	23	19	13	11	45	44	2
Port Hope........	263	109	154	246	94.7	87	65	63	35	13	174	77	12
Port Perry........	110	41	69	99	93.1	32	27	19	16	16	52	55	3
Port Rowan......	35	13	22	34	93.3	15	10	6	4	.....	11	24	....
Prescott..........	149	67	82	152	91.8	47	39	30	19	14	112	37	....
Richmond Hill....	200	87	113	187	92.0	55	57	36	26	26	66	134	....
Ridgetown........	144	58	86	143	95.3	32	32	20	27	33	68	72	4
Ridgeway........	125	50	75	121	95.5	33	37	35	12	8	88	37	....
Rockland.........	82	30	52	88	95.9	29	13	25	15	.....	60	22	....
Saltfleet..........	239	114	125	232	91.6	77	65	48	25	24	198	41	....
Shelburne........	105	34	71	106	95.3	29	22	19	15	20	42	63	....
Simcoe...........	357	138	219	318	91.7	80	81	65	86	45	192	162	3
Smithville........	86	37	49	87	95.7	27	21	15	13	10	49	37	....
Stirling...........	122	54	68	123	96.8	42	28	22	14	16	40	82	....
Streetsville.......	48	17	31	53	95.1	23	12	5	8	.....	23	20	5
Sydenham........	125	55	70	119	96.0	29	26	29	18	23	124	......	1
Thornbury.......	100	37	63	94	91.4	27	24	19	15	15	27	73	....
Thorold..........	333	160	173	326	93.0	107	87	83	30	26	279	54	....
Tilbury..........	113	48	65	114	92.4	37	24	26	15	11	65	32	16
Tillsonburg.......	290	125	165	295	95.2	104	70	62	30	24	158	47	85
Trenton..........	259	100	159	279	97.3	75	53	62	40	29	209	13	37
Tweed...........	130	65	65	122	90.0	42	23	31	17	17	51	75	4
Uxbridge.........	134	59	75	133	94.8	49	35	26	8	16	60	70	4
Vienna...........	28	14	14	28	87.0	17	5	4	2	.....	4	23	1

TABLE 28—ATTENDANCE, GRADE ENROLMENT, ENROLMENT BY AREAS, 1939-40

HIGH SCHOOLS	ATTENDANCE					GRADE ENROLMENT					ENROLMENT BY AREA		
	May Enrolment	Male	Female	Average Daily Attendance for the Year	Attendance Efficiency Percentage	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Resident Pupils	County Pupils	Non-Resident Pupils
In Counties													
Walkerton........	141	64	77	139	95.3	33	38	44	16	10	82	57	2
Wallaceburg......	226	81	145	209	93.8	78	61	44	26	17	152	52	22
Wardsville........	32	10	22	27	90.0	9	11	7	5	.....	11	15	6
Waterdown.......	144	62	82	149	96.8	43	43	31	11	16	123	12	9
Waterford........	148	65	83	146	94.6	40	39	30	21	18	48	97	3
Watford..........	128	53	75	126	95.6	33	26	25	16	28	45	76	7
Welland..........	556	249	307	483	94.6	255	109	88	63	41	362	194	....
Whitby..........	221	97	124	222	95.3	64	58	49	28	22	165	56	....
Wiarton..........	130	49	81	129	94.6	41	32	22	15	20	83	29	18
Williamstown.....	104	47	57	103	96.0	26	26	21	18	13	102	.....	2
Winchester.......	109	49	60	108	93.6	24	29	29	17	10	45	19	45
Wingham.........	158	59	99	153	94.4	45	37	41	19	16	78	74	6
Totals.........	21,700	9,246	12,454	21,228	94.3	6,858	5,262	4,428	2,909	2,243	12,639	8,034	1027
In Districts													
Bracebridge.......	196	79	117	199	94.8	45	49	44	33	25	113	76	7
Capreol..........	103	43	60	101	90.9	27	26	22	16	12	89	14	....
Chapleau.........	151	66	85	151	96.5	47	43	29	19	13	147	4	....
Cobalt...........	165	77	88	156	91.7	73	32	24	25	11	119	46	....
Cochrane.........	165	77	88	167	96.9	58	40	38	18	11	144	21	....
Copper Cliff......	167	94	73	164	90.1	58	44	26	28	11	145	22	....
Dryden..........	122	49	73	123	93.8	35	34	28	18	7	84	38	....
Englehart........	79	39	40	76	93.8	28	23	11	10	7	70	7	2
Fort Frances......	258	103	155	246	96.4	62	61	61	47	27	211	47	....
Gore Bay.........	63	25	38	60	95.3	17	14	11	9	12	48	14	1
Gravenhurst......	111	48	63	114	93.2	42	31	22	11	5	78	32	1
Haileybury.......	92	38	54	89	96.3	36	18	17	9	12	73	17	2
Huntsville........	163	64	99	160	93.9	52	46	36	14	15	114	44	5
Iroquois Falls.....	150	74	76	147	97.6	48	43	30	13	16	65	85	....
Kapuskasing......	199	88	111	197	92.4	78	46	32	23	20	184	15	....
Keewatin.........	82	40	42	81	92.7	28	20	19	15	.....	80	2	....
Kenora...........	388	176	212	389	96.9	132	86	86	51	33	370	18	....
Kirkland Lake....	384	184	200	378	96.3	154	83	68	34	45	349	32	3
Mattawa.........	66	28	38	63	94.5	19	13	14	13	7	55	11	....
New Liskeard.....	204	77	127	201	93.3	55	50	50	35	14	149	54	1
Parry Sound......	215	96	119	210	92.6	59	55	45	37	19	192	23	....
Rainy River......	97	47	50	90	94.4	24	23	24	22	4	88	9	....
Sturgeon Falls....	259	122	137	256	96.3	81	73	51	37	17	182	74	3
Sudbury..........	359	149	210	353	94.4	32	107	78	111	31	310	45	4
Thessalon........	91	44	47	92	94.0	29	21	15	15	11	63	28	....
Timmins.........	586	260	326	562	95.4	282	128	74	65	37	574	.....	12
Tisdale Twp.—													
Schumacher.....	182	82	100	184	96.9	57	44	37	24	20	168	11	3
South Porcupine.	161	70	91	159	96.1	51	62	27	21	.....	125	31	5
Totals.........	5,258	2,339	2,919	5,168	95.1	1,709	1,315	1,019	773	442	4,389	820	49
Totals, all High Schools....	26,958	11,585	15,373	26,396	94.4	8,567	6,577	5,447	3,682	2,685	17,028	8,854	1076
Grand Totals.....	73,102	34,194	38,908	70,944	94.6	22,365	17,122	14,852	10,958	7,805	57,030	14,471	1601
Increases for year..	4,402	1,606	2,796	5,442	......	899	630	1,257	1,035	581	3,064	1,140	198
Decreases for year.	......	......	......	......	1.1	......	......	......	......	......	......	......	....
Percentages.......	......	46.8	53.2	97.0	......	30.6	23.4	20.3	15.0	10.7	78.0	19.8	2.2

TABLE 29—AGE-GRADE DISTRIBUTION, MAY, 1940

		10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years	20 years	21 years and over	Totals	Grade Totals
GRADE IX..................	Boys	1	18	215	1,975	3,887	2,824	1,267	324	47	13	....	....	10,571	22,365
	Girls	....	14	309	2,657	4,517	2,968	1,080	210	34	4	1	....	11,794	
GRADE X..................	Boys	....	....	10	227	1,746	3,061	2,004	812	199	58	6	2	8,125	17,122
	Girls	....	....	13	324	2,208	3,580	2,041	640	153	34	3	1	8,997	
GRADE XI..................	Boys	....	....	....	7	252	1,400	2,430	1,536	713	197	39	16	6,590	14,852
	Girls	....	....	2	17	303	2,036	3,108	1,836	688	202	55	15	8,262	
GRADE XII..................	Boys	....	....	....	....	9	179	1,039	1,833	1,200	587	170	59	5,076	10,958
	Girls	....	....	....	....	23	302	1,532	2,155	1,248	478	103	41	5,882	
GRADE XIII..................	Boys	....	....	....	....	1	12	154	781	1,373	942	400	169	3,832	7,805
	Girls	....	....	....	....	....	17	244	1,129	1,517	747	227	92	3,973	
TOTALS BY SEXES.....	Boys	1	18	225	2,209	5,895	7,476	6,894	5,286	3,532	1,797	615	246	34,194	
	Girls	....	14	324	2,998	7,051	8,903	8,005	5,970	3,640	1,465	389	149	38,908	
GRAND TOTALS..............		1	32	549	5,207	12,946	16,379	14,899	11,256	7,172	3,262	1,004	395	73,102	

TABLE 30—FINANCIAL STATISTICS, 1939

Collegiate Institutes	Average Daily Attendance A	Major Sources of Receipts			Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness	
		Legislative Grant	For County Pupils	School District Levy (B)	Current	Capital	Current	Capital	Total	Total (including Arrears)	Per $1,000 of assessment
In Counties		$	$	$	$	$				$	$
Barrie	526	7,779	12,143	32,694	41,162	13,921	40.6	13.7	54.3	83,333	14.45
Belleville	510	4,049	15,154	50,328	53,422	17,585	53.2	17.5	70.7	444,900c	42.62
Brantford	928	2,164	12,726	63,642	63,782	10,793	35.5	6.0	41.5	199,393c	7.37
Brockville	457	6,409	9,627	55,579	47,819	26,079	56.6	30.9	87.5	201,374c	28.84
Chatham	557	2,221	13,330	29,995	46,552	......	44.9	......	44.9	......	......
Clinton	156	4,452	7,787	5,500	15,248	2,529	51.0	8.4	59.4	86,000	111.76
Cobourg	344	5,363	6,837	19,575	30,962	1,525	49.2	2.4	51.6	61,773	20.02
Collingwood	94	5,805	4,215	22,306	25,563	9,806	45.9	17.6	63.5	97,402	36.66
Cornwall	534	2,521	14,555	26,527	40,673	7,775	39.5	7.5	47.0	326,973c	35.16
Galt	345	1.972	9,674	30,841	40,933	4,763	63.0	7.3	70.3	119,426c	10.60
Goderich	259	14,468	6,135	14,483	25,802	3,990	53.3	8.2	61.5	53,057	22.67
Guelph	643	3,208	12,678	57,551	51,853	21,478	42.8	17.7	60.5	392,853c	28.14
Hamilton (3)	2,422	5,874	......	341,999	273,945	94,536	60.4	20.8	81.2	591,841	3.58
Ingersoll	232	3,491	3,397	18,466	27,046	......	58.6	......	58.6	......	......
Kingston	969	5,496	12,584	72,020	78,872	5,223	43.8	2.9	46.7	70,000	3.58
Kitchener-Waterloo	598	2,350	8,431	54,578	48,098	12,561	41.4	10.8	52.2	178,523	4.95
Lindsay	503	5,859	10,201	23,254	35,780	4,472	37.3	4.7	42.0	40,774	.95
London (3)	2,208	3,682	40,957	305,201	262,973	84,463	64.6	20.7	85.3	387,487	4.68
Morrisburg	156	4,360	6,817	6,880	13,568	4,554	46.1	15.5	61.6	49,634	68.93
Napanee	211	4,948	9,036	5,527	21,225	3,425	53.0	8.5	61.5	41,147c	26.32
Niagara Falls	406	2,457	215	63,500	50,907	8,787	63.0	10.9	73.9	89,308	4.92
Orillia	484	3,913	6,179	28,505	34,307	5,489	37.7	6.0	43.7	47,810	97.28
Oshawa	675	2,899	10,185	75,430	57,917	30,874	44.5	23.7	68.2	326,832	12.32
Ottawa (2)	2,541	8,609	14,791	339,457	292,537	56,603	61.4	11.9	73.3	543,348	3.47
Owen Sound	397	2,522	6,582	35,019	35,966	......	46.9	......	46.9	......	......
Pembroke	206	1,767	3,018	14,951	19,253	13,491	49.5	34.7	84.2	170,016c	37.49
Perth	292	6,059	9,293	13,335	25,197	2,923	46.6	5.4	52.0	15,619	8.72
Peterborough	587	2,226	13,207	56,229	73,003	81	68.7	.7	69.4	1,200	.05
Picton	169	535	6,387	9,509	16,550	......	51.9	......	51.9	......	......
Renfrew	233	2,541	10,656	15,253	24,341	7,697	58.5	18.5	77.0	88,377	27.14
St. Catharines	917	3,496	10,990	60,712	71,102	19,011	40.2	10.7	50.9	297,833	13.50
St. Mary's	293	4,500	8,753	19,886	26,366	4,686	47.9	8.5	55.4	50,952	22.43
St. Thomas	640	3,532	12,195	52,309	61,633	3,709	51.2	3.1	54.3	8,548	.60
Sarnia	702	3,766	17,340	74,164	74,230	23,154	57.6	18.0	75.6	11,843	.64
Scarborough	469	839	7,349	25,359	33,299	D	38.3	D	......	236,224	31.88
Seaforth	150	4,219	3,731	5,707	17,028	......	57.1	......	57.1	30,000	27.03
Smith's Falls	443	8,143	9,510	25,000	41,986	4,326	50.2	5.1	55.3	5,862	1.29
Stamford	416	3,150	10,064	29,003	41,310	9,403	50.4	11.5	61.9	58,770	7.30

TABLE 30—FINANCIAL STATISTICS, 1939

Collegiate Institutes	Average Daily Attendance A	Major Sources of Receipts			Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness	
		Legislative Grant	For County Pupils	School District Levy(B)	Current	Capital	Current	Capital	Total	Total (including Arrears)	Per $1,000 of assessment
In Counties		$	$	$	$	$				$	$
Stratford	769	5,307	5,029	64,221	62,047	11,084	41.8	7.5	49.3	59,120	4.34
Strathroy	182	3,333	7,303	10,602	18,333	2,602	52.6	7.5	60.1	29,227	17.32
Toronto (10)	10,095	32,176	....	1,663,344	1,359,858	335,130	68.8	16.9	85.7	3,342,978	3.46
Vankleek Hill	153	3,300	7,413	3,000	16,347	1,036	56.9	3.6	60.5	Paid off	....
*Weston	391	7,522	12,805	22,288	37,580	6,696	50.8	9.0	59.8	70,905	22.43
Windsor (4)	3,220	13,486	15,000	343,649	328,664	47,341	54.1	7.8	61.9	1,791,277	18.96
Woodstock	533	3,941	10,489	35,460	50,660	2,225	55.0	2.4	57.4	176,298	23.42
York Township (3)	2,635	36,195	29,353	220,454	216,944	64,501	54.3	16.1	70.4	781,642	26.85
York East	895	7,652	1,449	79,759	73,249	22,948	42.4	13.3	55.7	231,785	15.94
York North	293	5,152	8,053	22,333	30,073	8,209	55.0	15.0	77.0	144,861	34.39
Totals and Averages	41,838	279,708	473,623	4,645,384	4,435,965	1,021,484	56.1	12.9	69.0	12,036,525	6.38
In Districts			E								
Fort William	698	3,703	7,869	104,215	74,859	35,393	55.5	26.2	81.7	478,250	16.80
North Bay	557	4,138	3,126	42,527	41,435	8,275	37.5	7.6	45.1	78,225	8.26
Port Arthur	351	3,882	2,069	50,656	46,735	6,390	67.9	9.3	77.2	6,945	.27
Sault Ste. Marie	739	3,524	5,575	77,488	65,474	23,932	45.0	16.4	61.4	273,600	14.27
Totals and Averages	2,345	15,247	18,639	274,886	228,503	73,990	49.7	16.0	65.7	837,020	10.07
All Collegiate Institutes	44,183	G313,594	F473,623	4,920,270	4,664,468	1,095,474	55.8	13.1	68.9	12,873,545	6.54
High Schools											
In Counties											
Alexandria	114	1,452	92	12,417	12,043	....	57.3	....	57.3	....	....
Alliston	144	2,642	4,865	4,190	8,848	1,540	30.9	5.4	36.3	8,000	9.70
Almonte	127	2,497	4,310	4,255	13,270	5,583	52.8	22.2	75.0	64,776	65.20
Amherstburg	147	2,644	7,881	12,660	15,955	8,033	54.6	27.5	82.1	20,549	10.67
Arnprior	288	6,900	5,652	14,492	23,548	3,992	41.0	7.0	48.0	39,903	20.88
Arthur	147	3,291	4,772	2,582	9,554	266	32.4	.9	33.3	266	.42
Athens	125	4,294	7,878	1,000	13,354	3,274	57.9	14.2	72.1	29,543	129.58
Aurora	190	3,653	12,113	12,293	20,466	7,293	55.2	19.7	74.9	73,837	55.64
Avonmore	71	1,120	969	7,047	7,152	....	55.3	....	55.3	....	....
Aylmer	197	2,055	6,474	13,448	17,443	6,848	45.2	17.4	62.6	84,443	53.27
Beamsville	136	3,858	11,010	7,935	21,850	6,419	81.3	23.9	105.2	43,271c	60.84
Blenheim	194	5,340	10,258	8,617	19,042	5,617	50.0	14.7	64.7	37,353	46.81
Bowmanville	266	4,528	6,139	18,447	24,334	7,447	46.8	14.3	61.1	83,739	34.78

*Levy and Charges contain $1,390 for Reserve. In addition, $6,374 was raised from the County and paid for debt refunding.

TABLE 30—FINANCIAL STATISTICS, 1939

High Schools	Average Daily Attendance A	Major Sources of Receipts			Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness	
		Legislative Grant	For County Pupils	School District Levy (B)	Current	Capital	Current	Capital	Total	Total (including Arrears)	Per $1,000 of assessment
In Counties		$	$	$	$	$				$	$
Bradford	95	2,409	6,163	5,124	10,392	3,784	57.2	20.8	78.0	34,200	64 26
Brampton	321	3,392	15,250	18,392	29,312	7,392	46.0	11.6	57.6	62,119	17.99
Brighton	109	1,756	3,033	4,308	8,757	1,308	42.0	6.3	48.3	7,300	10 26
Burford	83	4,385	....	14,833	10,511	5,246	63.6	31.7	95.3	52,234	13.65
Burlington	291	5,205	14,196	22,670	29,847	11,170	52.9	19.8	72.7	116,091	41.96
Caledonia	182	7,548	12,366	9,521	17,688	7,222	49.7	20.3	70.0	36,109	10.32
Campbellford	197	4,240	9,069	16,363	22,328	8,462	64.1	24.3	88.4	73,223	49.91
Carleton Place	230	4,279	7,891	18,710	22,322	8,256	50.9	18.8	69.7	76,543	52.36
Cayuga	81	2,976	8,129	6,703	11,864	6,103	75.5	38.9	114.4	18,308	122.05
Chesley	120	2,640	4,485	3,550	13,284	225	56.0	.9	56.9	45,448	63.22
Chesterville	135	2,622	3,768	4,281	9,280	383	36.5	1.5	38.1	11,617	24.06
Colborne	104	2,878	8,851	2,625	7,570	3,225	38.4	16.4	54.8	9,322	17.13
Deseronto	80	2,178	2,497	3,500	7,383	....	47.4	....	47.4	....	....
Dundalk	79	2,281	2,633	2,525	7,558	325	47.9	2.1	50.0	Paid off	....
Dundas	199	2,182	....	8,845	17,936	9,091	45.9	23.3	69.2	71,340	21.49
Dunnville	196	5,082	7,539	12,471	22,759	4,876	59.3	12.7	72.0	44,359	40.32
Durham	88	2,992	3,906	7,379	10,643	3,229	62.6	19.0	81.6	12,965	26.59
Dutton	117	2,446	8,006	4,644	11,438	3,708	25.5	8.3	33.8	44,802	87.39
Elmira	159	8,677	4,743	14,379	18,497	4,505	58.3	14.2	72.5	81,400	49.00
Elora	82	1,152	2,372	4,631	6,844	1,121	42.0	6.9	48.9	13,685	18.81
Embrun	97	880	696	2,506	4,886	....	43.3	....	43.3	....	....
Essex	241	4,308	5,490	5,220	15,457	D	44.5	D	....	41,293	37.64
Exeter	181	12,253	5,583	6,000	14,603	883	42.0	2.5	44.5	25,816	42.47
Etobicoke	313	4,656	3,123	37,409	36,136	9,259	58.7	15.0	73.7	101,050	23.84
Fergus	218	5,700	6,362	13,842	17,887	6,842	41.2	15.7	56.9	77,909	43.82
Finch	89	2,455	5,967	1,045	8,838	....	51.7	....	51 7	....	....
Flesherton	80	1,250	368	6,474	7,359	....	49.8	....	49.8	....	....
Forest	125	3,442	5,572	7,209	12,639	3,210	50.5	12.8	63.3	22,814	39.98
Fort Erie	261	2,267	2,360	35,360	28,084	11,448	53.8	21.9	75.7	183,296	43.58
Gananoque	186	2,007	4,016	12,984	18,505	....	52.7	....	52.7	....	....
Georgetown	126	2,324	5,386	9,461	15,567	1,261	63.6	5.2	68.8	3,970	2.46
Glencoe	129	2,746	5,496	3,142	10,984	....	47.9	....	47.9	....	....
Grimsby	149	2,334	7,684	11,189	14,148	7,483	51.1	27.0	78.1	74,558	53.78
Hagersville	156	8,249	5,155	3,300	15,726	....	50.8	....	50.8	....	....
Hanover	179	3,648	6,481	12,664	17,261	5,664	51.2	16.8	68.0	46,787	32.02
Harriston	94	1,578	2,734	3,765	8,214	....	46.6	....	46.6	....	....
Harrow	95	793	2,458	6,605	7,593	1,605	41.4	8.8	50.2	12,392	2.71
Havelock	76	1,690	1,165	2,247	5,907	205	39.2	1.3	40.5	4,365	14.25
Hawkesbury (2)	231	4,422	2,691	12,440	21,612	....	51.6	....	51.6	....	....

TABLE 30—FINANCIAL STATISTICS, 1939

High Schools	Average Daily Attendance A	Major Sources of Receipts			Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness	
		Legislative Grant	For County Pupils	School District Levy (B)	Current	Capital	Current	Capital	Total	Total (including Arrears)	Per $1,000 of assessment
In Counties		$	$	$	$	$				$	$
Iroquois	106	2,943	5,718	......	11,807	......	58.4	......	58.4	......	......
Kemptville	103	4,678	4,183	3,397	12,967	1,157	63.7	5.7	69.4	18,445	56.75
Kincardine	155	2,368	4,713	6,968	14,103	......	48.5	......	48.5	......	......
Kingsville	142	2,007	6,670	11,268	14,182	1,393	51.3	5.0	56.3	23,882	14.01
Lakefield	102	2,547	2,949	5,200	10,356	......	54.7	......	54.7	......	......
Leamington	349	10,557	13,344	19,895	25,488	3,169	38.4	4.8	43.2	36,866	9.82
Listowel	196	3,495	6,475	8,976	16,914	1,376	43.3	3.5	46.8	11,009	7.06
Lucan	70	2,448	4,043	2,800	8,565	......	60.9	......	60.9	......	......
Lucknow	95	2,151	3,132	......	6,842	......	37.2	......	37.2	......	......
Madoc	132	4,070	4,301	5,782	10,446	2,820	42.6	11.5	54.1	23,028	58.62
Markdale	147	2,331	3,607	3,400	8,478	......	57.6	......	57.6	......	......
Markham	166	5,455	8,299	3,072	15,705	2,072	48.0	6.3	54.3	1,574	3.68
Marmora	96	3,185	2,163	590	7,997	590	42.9	3.2	46.1	590	2.54
Maxville	118	3,197	3,106	1,922	9,050	1,022	40.0	4.5	44.5	5,554	16.82
Meaford	180	4,537	5,440	8,935	17,229	5,104	47.8	14.2	62.0	34,120	38.23
Merritton	185	7,009	......	11,105	15,999	6,072	43.4	16.4	59.8	65,651	36.97
Midland	369	2,832	5,297	30,159	27,495	9,844	38.9	13.9	52.8	101,008	20.13
Milton	162	2,331	12,281	20,987	15,022	7,087	48.2	22.7	70.9	54,058	37.62
Mimico	779	13,563	28,670	15,123	59,687	17,889	40.9	12.3	53.2	199,583	44.33
Mitchell	173	3,287	7,160	6,352	14,589	......	45.0	......	45.0	......	......
Morewood	47	3,041	4,141	745	5,660	......	64.4	......	64.4	......	......
Mount Forest	121	1,751	3,095	5,500	10,034	......	44.2	......	44.2	......	......
Nepean	464	4,282	3,298	43,151	35,761	15,076	40.7	17.2	57.9	137,860	23.91
Newburgh	66	2,336	4,286	1,100	7,666	......	58.0	......	58.0	......	......
Newmarket	274	4,765	12,862	18,330	27,993	9,330	51.5	17.2	68.7	39,500	16.82
Newcastle	31	759	1,343	2,148	4,500	......	75.4	......	75.4	......	......
Niagara	92	1,417	2,693	6,956	9,176	856	62.6	5.8	68.4	4,708	5.94
Norwich	108	3,436	4,748	5,931	12,455	2,833	57.9	13.2	71.1	19,996	33.00
Norwood	108	2,736	2,325	3,552	9,939	......	46.3	......	46.3	......	......
Oakville	269	3,399	11,134	14,228	22,983	3,578	44.6	7.0	51.6	35,913	11.80
Omemee	51	780	1,398	1,912	4,053	......	41.2	......	41.2	......	......
Orangeville	166	3,191	4,038	9,162	16,413	460	49.9	1.4	51.3	440	.38
Paris	214	2,802	6,495	17,373	20,955	5,573	51.1	13.6	64.7	53,760	17.48
Parkhill	106	1,555	3,287	2,700	7,564	......	37.4	......	37.4	......	......
Penetanguishene	157	3,347	500	8,043	10,416	......	34.1	......	34.1	......	......
Petrolia	192	5,369	8,062	13,070	18,055	8,706	49.5	23.9	73.4	60,630	42.92
Plantagenet	102	1,285	1,738	5,854	8,952	2,006	47.2	10.6	57.8	23,973	15.34
Port Colborne	388	5,498	12,698	32,257	37,632	12,257	49.4	16.1	65.5	87,678	10.34
Port Credit	405	7,294	22,220	11,024	27,465	13,073	35.5	16.9	52.4	160,474	146.03

TABLE 30—FINANCIAL STATISTICS, 1939

High Schools	Average Daily Attendance A	Major Sources of Receipts			Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness	
		Legislative Grant	For County Pupils	School District Levy (B)	Current	Capital	Current	Capital	Total	Total (including Arrears)	Per $1,000 of assessment
In Counties		$	$	$	$	$				$	$
Port Dover	87	1,374	1,296	5,456	6,066	1,916	36.1	11.6	47.7	7,560	5.70
Port Elgin	88	5,737	2,855	5,966	9,067	3,166	55.2	19.3	74.5	45,000	98.66
Port Hope	235	3,274	6,925	20,959	23,963	4,173	52.0	9.0	61.0	24,144	3.22
Port Perry	106	4,212	6,486	5,808	13,620	3,008	69.3	15.3	84.6	29,336	45.74
Port Rowan	33	721	3,303	....	4,017	....	63.1	....	63.1	....	....
Prescott	149	2,969	4,463	14,272	15,343	6,783	50.5	22.3	72.8	83,086	67.73
Richmond Hill	178	4,080	12,885	6,123	18,915	7,034	53.7	20.0	73.7	70,975	76.18
Ridgetown	153	3,831	6,071	3,950	14,409	....	50.5	....	50.5	....	....
Ridgeway	115	3,075	6,680	13,662	14,350	7,531	63.9	33.5	97.4	87,449	49.03
Rockland	91	3,015	1,398	2,129	7,355	....	41.9	....	41.9	....	....
Saltfleet	227	1,633	77	17,719	16,830	6,419	37.3	14.2	51.5	53,498	9.66
Shelburne	112	2,930	4,971	4,166	10,186	2,732	50.6	13.6	64.2	46,446	81.47
Simcoe	329	2,348	10,764	17,421	23,868	6,129	39.8	10.2	50.0	112,738	24.76
Smithville	92	1,337	2,849	4,700	9,415	1,925	54.8	11.2	66.0	9,523	10.74
Stirling	117	7,410	6,328	2,466	12,240	2,466	53.2	10.7	63.9	19,398	51.19
Streetsville	48	1,762	2,897	3,025	6,625	....	69.1	....	69.1	....	....
Sydenham	117	1,430	....	12,700	11,334	....	48.7	....	48.7	....	....
Thorold	323	4,245	3,319	28,797	23,962	4,683	38.5	7.5	46.0	66,578	23.47
Tilbury	122	2,160	2,559	3,658	7,450	....	31.9	....	31.9	....	....
Tillsonburg	280	3,435	7,921	10,113	21,038	2,613	39.3	4.9	44.2	21,995	12.19
Trenton	274	2,115	5,534	19,426	22,881	4,231	42.4	7.8	50.2	25,191	7.05
Tweed	125	4,090	5,945	1,173	11,838	....	51.0	....	51.0	....	....
Uxbridge	131	2,201	8,219	6,500	11,244	6,330	45.5	25.6	71.1	90,960	140.01
Vienna	23	987	2,145	329	3,342	....	76.4	....	76.4	....	19.95
Walkerton	132	2,903	4,994	8,700	14,977	....	57.5	....	57.5	....	....
Wallaceburg	201	2,948	5,932	12,493	19,790	2,893	49.4	7.2	56.6	2,419	1.33
Wardsville	86	884	1,406	1,445	3,083	....	56.1	....	56.1	....	....
Waterdown	144	1,715	857	14,950	15,108	4,293	51.2	14.5	65.7	50,342	15.77
Waterford	137	12,110	6,122	2,000	11,412	8,553	42.7	32.0	74.7	43,899	57.65
Watford	120	3,967	5,555	4,500	10,128	3,210	44.1	14.0	58.1	25,778	63.96
Welland	408	2,349	20,490	38,086	49,339	7,330	60.7	9.0	69.7	15,168	1.54
Whitby	209	3,952	5,369	15,845	22,112	4,135	56.3	10.5	66.8	38,891	15.12
Wiarton	134	3,983	3,167	7,000	10,554	1,225	47.1	5.5	52.6	13,817	18.79
Williamstown	109	1,291	90	3,321	9,394	....	47.6	....	47.6	....	....
Winchester	109	4,054	5,674	3,420	13,409	420	60.7	1.9	62.6	1,261	2.28
Wingham	163	3,055	5,291	7,040	14,277	340	46.4	1.1	47.5	623	.70
Totals and Averages	20,816	440,214	708,846	1,176,265	1,918,102	424,297	48.5	10.7	59.2	4,079,785	20.24

TABLE 30—FINANCIAL STATISTICS, 1939

High Schools	Average Daily Attendance A	Major Sources of Receipts			Disbursements		Cost per Pupil-Day (in cents)			Debenture Indebtedness	
		Legislative Grants		School District Levy (B)							
		Ordinary	District (E)		Current	Capital	Current	Capital	Total	Total (including Arrears)	Per $1,000 of assessment
In Districts		$	$	$	$	$				$	$
Bracebridge	201	3,897	4,070	11,663	13,189	6,109	34.1	15.8	49.9	64,120	59.61
Capreol	103	2,832	1,103	7,526	10,962	2,086	55.6	10.6	66.2	14,604	17.73
Chapleau	154	3,837	....	13,640	14,031	3,440	45.8	11.2	57.0	35,992	36.38
Cobalt	168	5,676	5,035	10,500	19,973	D	64.5	D	....	40,276	6.31
Cochrane	165	3,354	....	4,012	16,444	4,012	54.7	13.3	68.0	25,931	14.34
Copper Cliff	179	2,514	3,673	33,609	24,391	12,802	71.3	37.4	108.7	190,203	37.99
Dryden	117	2,165	....	6,300	8,328	....	35.7	....	35.7	....	....
Englehart	76	1,875	....	9,157	7,390	....	49.7	....	49.7	....	....
Fort Frances	246	3,017	1,345	37,086	23,771	18,161	45.4	34.7	80.1	86,415	20.62
Gore Bay	63	1,697	....	4,141	5,017	908	44.8	8.1	52.9	16,538	65.11
Gravenhurst	111	2,354	1,431	6,422	9,266	....	44.6	....	44.6	....	....
Haileybury	79	4,303	1,712	7,316	11,661	....	76.0	....	76.0	....	....
Huntsville	153	2,703	703	8,641	9,747	2,970	34.2	10.4	44.6	12,141	9.55
Iroquois Falls	152	2,326	6,694	17,052	22,047	5,620	78.3	20.0	98.3	Rented	....
Kapuskasing	177	3,496	1,648	27,384	23,717	8,574	73.7	26.6	100.3	78,399	15.79
Keewatin	82	1,956	....	4,800	6,695	1,255	39.7	7.4	47.1	See Pub.	....
Kenora	376	3,751	703	39,720	32,437	10,320	44.7	14.2	58.9	135,000	27.65
Kirkland Lake	332	3,502	793	37,685	33,882	8,688	53.4	13.7	67.1	208,084	31.26
Mattawa	63	1,688	540	2,171	3,958	....	32.14	....	32.14	....	....
New Liskeard	181	3,505	4,212	13,618	22,040	617	61.2	1.7	62.9	1,132	.62
Parry Sound	201	1,906	1,561	11,657	15,143	....	38.4	....	38.4	....	....
Rainy River	101	2,568	531	5,715	8,873	....	46.1	....	46.1	....	....
Schumacher	171	3,167	2,138	34,959	21,489	15,411	66.0	47.4	113.4	80,788	25.04
South Porcupine	149	3,170	5,172	29,560	26,603	9,329	92.7	32.5	125.2	35,061	12.28
Sturgeon Falls	246	2,899	3,289	13,424	19,655	....	41.3	....	41.3	....	....
Sudbury	362	3,154	1,338	32,000	44,993	....	49.3	....	49.3	....	....
Thessalon	95	2,682	....	5,147	7,029	1,135	38.8	6.3	45.1	30,254	50.32
Timmins	484	3,776	....	46,118	43,373	9,251	45.2	9.6	54.8	180,870	18.29
Totals and Averages	4,987	83,770	47,691	498,742	506,104	127,107	51.4	12.9	63.6	1,235,808	19.08
All High Schools	25,803	G571,675	F708,846	1,675,007	2,424,206	551,404	49.0	11.2	60.0	5,315,593	19.96
Grand Totals	69,986	G885,269	F1,182,469	6,595,277	7,088,674	1,646,878	53.3	12.4	65.7	18,189,138	8.13

A Average Daily Attendance for Calendar year.
B Includes Debenture Levy.
C Combined Debt of Academic and Vocational Schools.
D In Default.
E In the Districts, the Provincial Government assumes 80% of the cost of tuition of non-resident pupils.
F Total County share to Collegiates and High Schools, $1,195,169
G Including District Grant.

TABLE 31—DAY SCHOOLS—TEACHERS; PUPILS; MAY

Schools	Type of School	Teachers									
		Full-Time		Part-Time and Occasional		Complete May Enrolment				Full-Time	
		Male	Female	Male	Female	Totals	Male	Female	Percentage Attendance Efficiency	Totals	Male
In Counties											
1 Barrie	AC	1	1	3	1	62	10	52	91.4	62	10
2 Beamsville	A.AGR.	.....	.....	5	5	27	14	13	90.2	27	14
3 Belleville	ACT	9	4	5	2	298	145	153	97.9	298	145
4 Brantford	ACT	8	6	13	5	359	203	156	92.7	359	203
5 Brockville	AC	1	1	6	5	121	47	74	94.5	121	47
6 Chatham	CT	8	7	.....	1	428	220	208	95.0	428	220
7 Cornwall	AC	7	3	5	6	209	103	106	94.9	209	103
8 Fort Erie	ACT	1	2	5	1	120	50	70	95.4	120	50
9 Galt	ACT	.....	3	10	7	179	102	77	90.4	179	102
10 Guelph	ACT	7	5	2	2	279	126	153	93.9	279	126
11 Hamilton—Commerce	COM.	13	20	.....	.....	929	152	777	95.8	929	152
12 Technical	T	50	16	.....	1	1,414	1,050	364	93.6	1,307	943
13 Westdale	ACT	27	10	1	1	767	374	393	92.6	767	374
14 Kemptville	A.AGR.	1	.....	.....	1	122	57	65	93.7	122	57
15 Kingston	ACT	11	6	.....	.....	640	301	339	97.2	625	301
16 Kitchener	ACT	12	5	6	4	488	232	256	92.9	488	232
17 London	CT	43	13	.....	.....	1,812	906	906	95.1	1,812	906
18 Napanee	AC	.....	2	3	1	52	11	41	91.5	52	11
19 Niagara Falls	ACT	10	5	4	6	425	232	193	96.0	425	232
20 Oshawa	ACT	10	6	7	3	554	271	283	95.3	542	259
21 Ottawa—Technical	T	49	2	1	.....	1,744	1,668	76	93.6	1,712	1,658
22 Commerce	COM.	29	18	.....	.....	1,262	218	1,044	94.0	1,262	218
23 Owen Sound	ACT	5	6	5	2	231	78	153	90.2	231	78
24 Pembroke	AC	2	1	2	3	110	37	73	96.1	110	37
25 Perth	AC	.....	.....	4	2	108	37	71	96.2	108	37
26 Peterborough	ACT	8	4	8	7	409	183	226	96.8	409	183
27 Picton	AC	.....	2	2	1	43	17	26	91.9	43	17
28 Renfrew	A.C.A.	1	3	3	3	110	64	46	94.7	110	64
29 Ridgetown	A.AGR.	6	5	.....	.....	71	31	40	92.4	71	31
30 St. Catharines	ACT	8	9	7	3	314	143	171	91.1	314	143
31 St. Thomas	CT	10	8	2	.....	361	163	198	93.1	358	162
32 Sarnia	ACT	9	4	9	7	508	218	290	91.5	508	218
33 Scarborough	AC	1	1	6	6	123	38	85	93.1	123	38
34 Simcoe	A. AGR.	1	1	8	3	156	72	84	90.5	156	72
35 Stamford	A.C.A.	6	3	3	3	275	167	108	95.0	275	167
36 Stratford	AC	1	2	6	2	163	63	100	95.4	163	63
37 Toronto—Central Technical	T	73	28	6	1	3,199	2,361	838	94.0	3,036	2,260
38 Danforth Technical	T	52	14	5	3	2,238	1,670	568	93.7	2,238	1,670
39 Central Commerce	COM.	28	18	.....	.....	1,874	462	1,412	91.7	1,792	426
40 Eastern Commerce	COM.	39	16	.....	.....	1,616	412	1,204	90.1	1,616	412
41 Northern Vocational	CT	56	28	.....	2	2,067	943	1,124	90.9	2,067	943
42 Western Vocational	CT	71	21	1	.....	2.307	1,077	1,230	91.7	2,307	1,077
43 Welland	ACT	8	4	6	6	379	259	120	94.4	368	248
44 Weston	ACT	12	7	5	5	465	298	167	92.0	465	298
45 Windsor	CT	44	20	.....	.....	1,731	1,049	682	94.8	1,731	1,049
46 Woodstock	AC	1	2	6	7	134	48	86	94.2	134	48
47 East York	AC	4	7	7	4	528	134	394	92.0	528	134
48 North York	AC	1	1	3	2	158	52	106	94.2	158	52
49 York—Runnymede	AC	2	.....	3	3	123	28	95	87.5	123	28
50 Vaughan Road	AC	1	4	6	4	200	27	173	93.8	200	27
51 York Memorial	AC	3	2	5	6	200	42	158	93.3	200	42
Totals	.....	750	356	194	137	32,492	16,665	15,827	94.2	32,067	16,387
In Districts											
1 Fort Frances	AC	2	1	4	4	136	68	68	95.6	136	68
2 Fort William	CT	20	14	.....	.....	1,013	465	548	89.9	775	364
3 Haileybury	AM	2	.....	3	2	63	63	.....	93.5	63	63
4 Kirkland Lake	ACT	8	3	10	5	302	153	149	95.1	302	153
5 North Bay	ACT	10	4	1	2	348	203	145	93.2	331	196
6 Port Arthur	CT	16	13	1	.....	621	319	302	95.7	621	319
7 Sault Ste. Marie	CT	13	7	.....	.....	684	338	346	91.8	665	326
8 Sudbury	CT	18	11	.....	.....	518	259	259	95.6	518	259
9 Timmins	ACT	8	5	4	4	325	187	138	92.9	325	187
Totals	.....	97	58	23	17	4,010	2,055	1,955	94.2	3,736	1,935
Grand Totals	.....	847	414	217	154	36,502	18,720	17,782	94.2	35,803	18,322
Increases for year	.....	77	.....	35	5	220	777	.....	.....	911	917
Decreases for year	.....	.....	16	.....	.....	.....	.....	557	.....	.....	.....
Percentages	.....	.....	.....	.....	.....	.....	51.3	48.7	.....	.....	51.2

The Navigation Schools had enrolments as follows: Collingwood (35), Kingston (11).

Type of school:—ACT —Composite (academic, commercial and technical.)
AC —Combined academic and commercial.
CT —Combined commercial and technical
A. AGR.—Combined academic and agriculture.
A.C.A. —Academic, Commercial, Agriculture.
COM.—Commercial.
T —Technical.
N —Navigation.
AM —Academic, and Mining School.

SCHOOLS

ENROLMENT, ATTENDANCE, GRADE DISTRIBUTION, 1939-40

	Pupils													
	May Enrolment		May Full-Time Enrolment Classified as		Grade Distribution of Full-Time Pupils							Complete Enrolment by Areas		
	Female	Aver. Daily Attendance for year	Commercial	†Vocation'l	Preparatory	Grade IX	Grade X	Grade XI	Grade XII	Grade XIII	Special	Resident	County or District	Non-Resident
1	52	64	62	....	......	......	29	21	......	......	12	37	25	.....
2	13	27	....	27	......	......	19	8	......	......	......	8	19	.....
3	153	268	190	108	......	......	142	94	62	......	......	219	70	9
4	156	329	174	185	4	102	132	86	35	......	......	295	50	14
5	74	122	121	....	......	......	53	36	18	......	14	95	26	.....
6	208	319	243	185	......	112	114	59	43	......	100	278	147	3
7	106	215	120	89	......	......	119	49	41	......	......	100	98	11
8	70	104	120	....	......	......	55	43	21	......	1	114	6	.....
9	77	196	88	91	......	31	85	42	7	......	14	120	49	10
10	153	262	178	101	......	114	86	49	......	......	30	229	48	2
11	777	1,012	929	....	......	377	271	156	70	......	55	911	18	.....
12	364	1,427	120	1,187	186	579	324	155	14	6	43	1,382	26	6
13	393	830	346	421	26	260	226	150	72	......	33	695	70	2
14	65	113	....	122	......	38	46	25	13	......	......	46	72	4
15	324	599	156	83	......	386	139	72	28	......	......	524	113	3
16	256	535	326	162	......	83	141	123	......	83	58	415	69	4
17	906	1,369	848	964	134	489	473	265	169	11	271	1,499	279	34
18	41	48	52	....	......	......	19	14	......	......	19	31	21	.....
19	193	440	199	226	......	175	125	125	......	......	......	395	20	10
20	283	627	136	173	......	233	191	102	16	......	......	451	90	13
21	54	1,545	....	1,712	47	535	404	317	185	109	115	1,577	158	9
22	1,044	1,297	1,262	....	......	463	421	269	109	......	......	1,210	52	.....
23	153	210	145	86	......	83	69	36	13	......	30	186	44	1
24	73	115	110	....	......	45	39	18	4	......	4	96	13	1
25	71	108	108	....	......	23	29	17	......	......	39	73	34	1
26	226	453	222	187	......	179	132	69	4	......	25	314	89	6
27	26	41	43	....	......	......	17	26	......	......	......	27	16	.....
28	46	95	87	23	......	46	34	15	15	......	......	64	46	.....
29	40	71	*	*	......	37	20	14	......	......	......	34	36	1
30	171	371	190	124	......	......	165	87	37	......	25	259	55	.....
31	196	375	97	261	......	131	86	66	51	......	24	267	89	5
32	290	530	164	344	......	218	141	77	72	......	......	390	117	1
33	85	133	123	....	......	......	72	51	......	......	......	115	3	5
34	84	147	*	*	......	82	38	24	12	......	......	77	79	.....
35	108	213	172	103	......	67	36	78	94	......	......	180	34	61
36	100	179	163	....	......	62	49	22	......	......	30	143	18	2
37	776	2,111	....	3,036	122	1,267	685	458	253	139	112	3,129	40	30
38	568	2,097	....	2,238	......	888	656	326	296	46	26	2,096	131	11
39	1,366	1,505	1,792	....	......	555	514	385	185	45	108	1,872	......	2
40	1,204	1,639	1,616	....	......	506	481	375	206	......	48	1,610	......	6
41	1,124	2,041	1,143	924	84	534	528	382	213	83	243	2,010	......	57
42	1,230	2,440	1,196	1,111	32	866	636	410	171	60	132	2,271	......	36
43	120	304	141	227	......	88	176	93	11	......	......	188	191	.....
44	167	516	116	349	......	219	157	67	8	......	14	80	385	.....
45	682	1,627	*	*	*	476	570	318	219	19	129	1,568	108	55
46	86	146	134	....	......	......	73	21	12	......	28	113	21	.....
47	394	544	528	....	......	230	143	74	31	......	50	524	4	.....
48	106	160	158	....	......	88	33	37	......	......	......	113	45	.....
49	95	123	123	....	......	......	46	27	14	......	36	91	30	2
50	173	232	200	....	......	......	79	62	28	......	31	182	18	.....
51	158	219	200	....	......	......	84	65	24	......	27	200	......	.....
	15,680	30,493	14,641	14,849	635	10,667	94,02	5,960	2,876	601	1,926	28,903	3,172	417
1	68	128	66	70	......	58	37	24	17	......	......	112	......	24
2	411	701	360	415	......	347	194	125	109	......	......	892	121	.....
3	......	63	....	63	......	22	18	12	11	......	......	23	37	3
4	149	308	143	159	......	102	86	103	11	......	......	281	21	.....
5	135	277	180	151	......	43	131	107	......	......	50	299	38	11
6	302	649	198	305	......	195	204	121	79	9	13	573	......	48
7	339	465	334	331	......	224	153	104	30	93	61	612	58	14
8	259	481	292	226	......	210	173	108	27	......	......	445	......	73
9	138	345	175	150	......	94	134	88	9	......	......	269	......	56
	1,801	3,417	1,748	1,870	......	1,295	1,130	792	293	102	124	3,506	275	229
	17,481	33,910	16,389	16,719	635	11,962	10,532	6,752	3,169	703	2,050	32,409	3,447	646
	......	811	....	....	......	......	515	728	619	241	......	97	132	.....
	6	......	....	....	152	681	......	......	......	......	359	....	......	9
	48.8	94.7	48.4	49.4	1.8	33.4	29.4	18.9	8.9	2.0	5.6	88.8	9.4	1.8

*Unclassified.
†Includes Industrial, Agriculture, Home Economics, and Art Courses.

TABLE 32—AGE-GRADE DISTRIBUTION OF FULL-TIME PUPILS, MAY, 1940

		10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years	20 years	21 years and over	Totals	Grade Totals
PRE-VOCATIONAL..........	Boys	2	7	4	31	60	171	99	44	6	2	1	....	427	635
	Girls	3	8	7	11	30	94	38	12	5	....	....	....	208	
GRADE IX..................	Boys	....	3	62	645	1,725	2,102	1,372	473	127	21	3	2	6,535	11,962
	Girls	....	3	49	746	1,816	1,722	805	226	42	14	....	4	5,427	
GRADE X...................	Boys	....	....	3	36	531	1,599	1,672	1,046	376	97	24	6	5,390	10,532
	Girls	....	....	2	49	648	1,711	1,506	865	258	72	19	12	5,142	
GRADE XI..................	Boys	....	....	....	....	31	398	992	1,021	637	213	55	37	3,384	6,752
	Girls	....	....	....	1	55	573	1,161	914	455	152	35	22	3,368	
GRADE XII.................	Boys	....	....	....	....	....	15	194	402	429	282	95	44	1,461	3,169
	Girls	....	....	....	....	4	32	301	578	449	216	87	41	1,708	
GRADE XIII................	Boys	....	....	....	....	....	....	6	58	109	142	76	37	428	703
	Girls	....	....	....	....	....	2	34	56	80	50	28	25	275	
SPECIAL....................	Boys	....	....	....	....	....	9	65	128	153	141	98	103	697	2,050
	Girls	....	....	....	....	4	35	128	309	366	272	137	102	1,353	
TOTALS BY SEXES.....	Boys	2	10	69	712	2,347	4,294	4,400	3,172	1,837	898	352	229	18,322	
	Girls	3	11	58	807	2,557	4,169	3,973	2,960	1,655	776	306	206	17,481	
GRAND TOTALS..............		5	21	127	1,519	4,904	8,463	8,373	6,132	3,492	1,674	658	435	35,803	

TABLE 33—DAY SCHOOLS—NUMBER OF STUDENTS IN THE FOLLOWING SUBJECTS OF STUDY, 1939-40

SCHOOLS	English	Mathematics	Science	History and Civics	French	Draughting	Shopwork	Art and Design	Domestic Science	Domestic Arts	Commercial Work	Agriculture	Music
In Counties													
Barrie	62	62	.....	62	.....	.....	.....	.....	.....	.....	62	.....	.....
Beamsville	23	23	.....	23	.....	.....	14	.....	13	.....	.....	27	19
Belleville	218	224	73	194	.....	80	80	38	63	60	190	.....	47
Brantford	359	359	185	337	8	180	180	39	49	49	174	.....	.....
Brockville	121	121	.....	121	.....	.....	40	53	59	.....	121	.....	99
Chatham	343	304	219	297	17	177	199	181	137	111	278	.....	112
Cornwall	209	209	89	209	34	83	83	.....	6	.....	120	.....	.....
Fort Erie	120	120	120	88	35	.....	25	.....	22	.....	120	.....	.....
Galt	165	172	144	179	.....	91	102	91	77	77	88	.....	31
Guelph	279	279	216	249	.....	114	114	58	102	102	178	.....	114
Hamilton—													
Technical	1,521	1,511	1,525	1,513	126	1,111	1,140	868	386	445	146	943	181
Commerce	874	929	350	718	.....	.....	.....	.....	606	606	929	.....	316
Westdale	811	779	739	593	127	306	346	350	404	404	376	.....	280
Kemptville	.....	.....	.....	.....	.....	.....	42	.....	37	.....	.....	120	.....
Kingston	582	610	473	571	392	301	270	389	309	315	186	.....	390
Kitchener-Waterloo	410	440	225	410	.....	170	175	.....	250	250	350	.....	220
London	1,607	1,638	1,203	1,812	116	629	775	257	394	355	896	.....	898
Napanee	52	52	14	19	.....	.....	.....	19	.....	.....	52	.....	19
Niagara Falls	395	420	273	360	165	181	214	183	.....	136	258	.....	158
Oshawa	522	510	377	510	297	241	260	157	194	194	373	.....	377
Ottawa—													
Technical	1,660	1,660	1,660	1,660	777	1,571	1,658	1,003	.....	.....	.....	.....	737
Commercial	1,262	1,108	925	1,262	678	150	150	547	670	670	1,262	.....	293
Owen Sound	201	201	155	201	.....	71	72	138	96	120	145	.....	129
Pembroke	106	96	45	84	80	.....	.....	58	.....	.....	113	.....	84
Perth	108	108	52	108	.....	30	30	23	60	.....	108	52	23
Peterborough	409	320	286	342	200	141	181	230	202	30	139	.....	204
Picton	40	39	35	15	.....	.....	.....	15	.....	.....	43	.....	.....
Renfrew	85	89	66	69	.....	.....	48	.....	12	.....	87	39	40
Ridgetown	71	57	71	71	37	34	34	48	40	.....	.....	71	57
St. Catharines	314	314	217	314	.....	107	106	20	18	18	190	.....	.....
St. Thomas	348	354	277	227	2	149	143	66	139	.....	97	52	131
Sarnia	508	508	327	404	85	201	212	206	216	216	399	.....	255
Scarboro	118	79	123	115	41	.....	.....	9	.....	.....	133	.....	34
Simcoe	154	146	.....	153	1	71	71	.....	84	84	.....	152	156
Stamford	275	275	105	138	.....	138	105	.....	.....	.....	144	138	68
Stratford	163	163	90	163	118	.....	31	59	31	.....	163	.....	62
Toronto—													
Central Technical	3,036	2,718	2,836	2,619	326	1,943	1,948	1,324	587	562	267	.....	958
Danforth "	2,231	2,127	2,095	2,201	746	1,709	1,740	1,109	448	462	.....	.....	1,148
Western "	1,381	1,249	1,371	1,401	257	942	982	782	256	299	614	.....	638
Western Comm'ce	1,574	1,313	985	1,477	453	90	155	86	149	135	1,574	.....	179
Central "	1,874	1,777	1,202	1,639	1,471	.....	.....	768	.....	.....	1,874	.....	555
Eastern "	1,630	1,166	1,128	1,592	1,598	.....	.....	535	.....	.....	1,630	.....	506
North. Vocational	2,067	1,774	1,824	1,824	1,245	662	1,185	938	619	619	1,412	.....	1,292
Welland	368	268	220	311	.....	210	233	17	77	17	141	.....	264
Weston	451	448	380	410	.....	345	355	100	183	183	116	.....	372
Windsor	1,712	1,303	1,268	1,165	595	1,044	1,083	103	154	154	668	.....	1,046
Woodstock	100	134	.....	100	21	.....	35	.....	38	.....	134	.....	.....
York East	500	497	335	478	443	.....	.....	.....	.....	.....	528	.....	373
York North	158	158	88	121	88	.....	.....	107	.....	.....	158	.....	51
York Twp.—													
Runnymede	120	115	.....	73	14	.....	.....	4	.....	.....	123	.....	16
Vaughan Road	200	172	.....	169	169	.....	.....	.....	.....	.....	200	.....	.....
Memorial	173	176	84	84	146	.....	.....	37	.....	.....	200	.....	38
Totals	32,070	29,674	24,475	29,255	10,908	13,272	14,616	11,015	7,187	6,673	17,559	1,594	12,970
In Districts													
Fort Frances	129	129	121	120	.....	56	.....	54	38	.....	66	8	.....
Fort William	728	725	527	697	35	440	440	212	365	365	577	.....	545
Haileybury	59	60	63	45	20	51	*57	.....	.....	.....	.....	†30	.....
Kirkland Lake	302	279	176	291	23	129	140	122	124	124	143	.....	76
North Bay	323	323	43	231	.....	127	180	64	85	24	180	.....	43
Port Arthur	608	557	526	539	106	286	286	175	98	83	198	.....	398
Sault Ste. Marie	610	530	357	502	129	265	277	80	154	154	373	.....	353
Sudbury	518	518	444	557	117	226	195	310	182	.....	174	.....	310
Timmins	325	325	182	325	8	158	163	.....	137	.....	143	.....	173
Totals	3,602	3,446	2,439	3,307	438	1,738	1,681	1,017	1,861	750	1,854	8	1,898
Grand Totals	35,672	33,120	26,914	32,562	11,346	15,010	16,297	12,032	8,370	7,423	21,267	1,602	14,868

*Metallurgy and Mining.
†Surveying.

WAR WORK CLASSES

Motor Mechanics

Aeroplane Construction

Schools	Average Daily Attendance for Calendar Year	Major Sources of Receipts: Legislative Grants: Ordinary	Major Sources of Receipts: Legislative Grants: Building	Major Sources of Receipts: County Grants	Major Sources of Receipts: School District Levy A	Disbursements: Current	Disbursements: Capital B	Cost per Pupil-Day (cents): Current	Cost per Pupil-Day (cents): Capital B	Cost per Pupil-Day (cents): Total	Debenture Indebtedness (Including any Arrears): Amount	Debenture Indebtedness (Including any Arrears): Per $1,000 of Assessment
In Counties		$	$	$	$	$	$				$	$ c.
Barrie	57	1,792	....	960	1,086	4,500	c	40.7	c	40.7	c	....
Beamsville	61	2,002	2,096	4,331	2,885	6,671	3,766	55.6	31.4	87.0	c	....
Belleville	295	8,580	10,319	8,211	32,421	40,413	18,105	75.9	31.1	107.0	c	....
Brantford	419	11,509	5,301	7,400	30,782	55,937	10,522	63.2	11.9	75.1	c	....
Brockville	103	6,358	....	1,600	11,100	15,663	c	82.6	c	82.6	c	....
Chatham	328	10,798	7,861	15,842	43,201	49,938	19,012	77.6	29.5	107.1	....	....
Cornwall	225	11,745	....	11,166	38,591	36,338	17,844	83.6	41.0	124.6	c	....
Fort Erie	78	3,736	....	846	6,283	9,921	c	63.5	c	63.5	c	....
Galt	278	8,236	12,843	13,133	35,823	40,757	29,743	78.1	57.0	135.1	c	....
Guelph	374	9,612	10,091	4,843	31,396	44,219	14,318	62.5	20.2	82.7	c	....
Hamilton (3)	3,479	68,474	34,856	16,696	465,264	443,262	187,973	68.4	29.0	97.4	1,615,434	9.77
Kemptville	44	1,192	....	1,793	1,456	3,565	496	40.9	5.7	46.6	c	....
Kingston	238	10,486	9,823	8,614	36,867	48,497	14,140	103.8	30.3	134.1	366,803	18.79
Kitchener-Waterloo	577	15,544	9,291	5,206	62,713	71,759	14,246	64.1	12.7	76.8	161,520	4.48
London	1,369	29,467	10,875	30,446	146,202	175,968	40,701	66.6	15.4	82.0	241,370	2.91
Napanee	53	2,737	....	3,212	757	7,859	c	78.2	c	78.2	c	....
Niagara Falls	394	9,940	1,255	3,859	48,744	49,370	15,282	62.9	19.5	82.4	25,310	1.39
Oshawa	632	11,265	11,209	7,926	52,319	59,799	25,442	49.0	20.8	69.8	c	....
Ottawa (2)	2,874	48,421	....	34,360	276,007	309,596	51,410	56.5	9.3	65.8	1,006,910	6.43
Owen Sound	243	7,494	8,346	5,489	37,243	35,395	21,438	88.5	53.6	142.1	63,459	7.49
Pembroke	157	4,546	....	1,374	7,475	10,318	c	34.9	....	34.9	c	....
Perth	100	3,672	....	3,097	4,444	7,996	974	43.3	5.3	48.6	5,206	2.91
Peterborough	478	15,552	8,827	14,206	50,230	65,812	23,555	72.4	25.9	98.3	281,100	11.47
Picton	50	2,538	....	3,584	458	6,581	....	66.8	....	66.8	....	....
Renfrew	102	4,948	2,987	4,797	10,785	18,018	6,389	94.3	33.5	127.8	44,189	13.57
Ridgetown	67	3,941	....	4,327	3,000	11,541	....	92.2	....	92.2	....	....
St. Catharines	917	15,624	....	11,931	60,455	70,004	18,026	39.6	10.2	49.8	c	....
St. Thomas	394	10,104	8,956	11,821	61,087	63,810	19,487	84.3	25.7	110.0	193,403	13.65
Sarnia	539	13,859	....	17,990	55,948	65,632	17,467	65.8	17.5	83.3	8,931	.48
Scarborough	157	5,215	....	2,378	18,281	19,799	D	67.1	D	....	c	....
Simcoe	142	4,530	....	9,338	4,000	15,072	1,532	58.2	5.9	64.1	c	....
Stamford	205	5,940	....	3,743	19,275	25,901	6,275	64.2	15.6	79.8	29,385	3.65
Stratford	198	4,887	....	1,257	16,055	15,976	2,771	40.8	7.1	47.9	14,780	1.09
Toronto (6)	11,742	308,334	57,031	....	1,912,077	1,845,531	400,692	80.3	17.4	97.7	3,601,740	3.72
Welland	405	12,133	5,734	25,072	27,087	54,684	13,097	67.8	16.2	84.0	193,951	19.67
Weston	497	12,557	5,086	37,210	16,552	57,101	10,983	60.0	11.5	71.5	c	....
Windsor	1,784	32,875	....	12,614	193,956	213,762	27,461	62.3	8.0	70.3	1,039,042	11.00
Woodstock	134	4,422	....	2,447	11,078	15,383	....	60.8	....	60.8	58,766	7.81
York Township (3)	620	12,754	....	10,165	66,517	66,773	15,771	31.4	7.4	38.8	192,347	6.61
York East	558	9,709	....	4,201	57,467	55,916	14,672	51.9	13.6	65.5	c	....
York North	162	3,479	....	4,491	10,706	11,732	4,578	38.6	15.1	53.7	80,780	19.17
Totals and Averages	31,556	789,007	222,787	371,973	3,968,073	4,226,799	1,067,868	68.5	17.6	86.1	9,224,399	5.48
In Districts				E								
Fort Frances	128	4,461	....	2,917	10,545	16,457	c	66.6	c	66.6	c	....
Fort William	813	18,685	....	7,136	92,349	110,803	45,606	68.8	28.3	97.1	487,525	17.12
Haileybury	68	9,248	....	....	5,130	11,217	2,997	85.6	22.9	108.5	47,006	37.99
Kirkland Lake	274	9,234	2,212	1,098	53,984	43,074	10,142	81.4	19.2	100.6	c	....
North Bay	268	8,447	12,699	3,432	42,527	41,548	21,228	78.4	40.0	118.4	451,157	47.63
Port Arthur	664	15,743	21,795	2,589	79,291	87,361	33,569	65.6	25.2	90.8	380,173	14.63
Sault Ste. Marie	496	10,580	8,239	6,967	55,202	54,004	27,160	55.0	27.7	82.7	181,000	9.41
Sudbury	652	13,134	6,210	7,774	63,260	73,545	17,470	58.1	13.8	71.9	344,951	20.87
Timmins	353	9,990	6,873	3,824	41,699	50,130	11,766	73.6	17.3	90.9	133,336	13.48
Totals and Averages	3,716	99,522	58,028	35,737	443,987	488,139	170,938	66.8	26.2	93.0	2,025,148	18.28
Grand Totals and Averages	35,272	F924,266	280,815	....	4,412,060	4,714,938	1,238,806	68.3	18.5	86.8	11,249,547	6.27

A Includes debenture levy.

E In the Districts, in place of a County grant, the Province pays for outside pupils at the

TABLE 35—NIGHT

Schools	Teachers				Students		
	Male		Female		Enrolment		
	Total	No. who taught in Day School	Total	No. who taught in Day School	Total	Male	Female
In Counties							
1 Barrie	4	2	4	2	115	40	75
2 Belleville	6	5	......	......	249	249	......
3 Brantford	14	10	5	4	507	349	158
4 Chatham	8	7	4	2	434	228	206
5 Cornwall	16	10	4	3	519	361	158
6 Dunnville	1	1	2	1	40	......	40
7 Fort Erie	8	4	......	......	142	134	8
8 Galt	7	4	2	2	293	170	123
9 Hamilton	21	18	2	2	676	610	66
10 Hanover	1	1	2	1	28	10	18
11 Kemptville	2	2	......	......	37	32	5
12 Kingston	10	9	2	2	538	258	280
13 Kitchener	17	10	7	5	664	422	242
14 London	31	23	8	4	1,360	774	586
15 New Toronto	3	3	3	2	154	27	127
16 Niagara Falls	11	9	4	2	532	290	242
17 Oshawa	18	14	9	4	876	530	346
18 Ottawa—Technical	32	24	14	......	1,791	684	1,107
19 Commerce	15	14	12	9	1,275	348	927
20 Owen Sound	7	5	5	5	267	145	122
21 Pembroke	9	4	5	2	249	107	142
22 Peterborough	18	11	7	4	920	480	440
23 Renfrew	3	......	3	3	97	45	52
24 St. Catharines	13	10	7	2	680	411	269
25 St. Thomas	8	8	3	3	246	145	101
26 Sarnia	14	13	3	3	585	313	272
27 Stratford	13	8	4	1	547	305	242
28 Toronto—Central Technical	88	59	27	8	3,547	2,053	1,494
29 Danforth Technical	50	33	27	2	3,330	1,748	1,582
30 Central Commerce	32	20	4	2	1,188	417	771
31 Eastern Commerce	22	22	3	......	1,110	434	676
32 Northern Vocational	64	47	32	16	3,044	1,158	1,886
33 Western Vocational	59	47	25	7	2,269	1,156	1,113
34 Welland	10	8	4	1	626	365	261
35 Weston	12	9	5	5	410	271	139
36 Windsor	34	26	11	6	1,745	1,174	571
37 Woodstock	8	3	4	1	308	184	124
38 York Township—Runnymede	1	1	2	......	72	32	40
39 Vaughan Road	4	4	1	1	164	52	112
40 York Memorial	3	3	......	......	70	27	43
41 *Public Schools	4	4	6	1	190	80	110
42 York East	3	3	......	......	68	37	31
Totals	704	518	272	118	31,962	16,655	15,307
In Districts							
1 Fort Frances	5	5	5	3	308	119	189
2 Fort William	26	14	9	6	1,386	982	404
3 Kirkland Lake	18	12	6	3	450	251	199
4 North Bay	6	5	5	4	280	129	151
5 Port Arthur	14	10	11	7	597	256	341
Totals	69	46	36	23	3,021	1,737	1,284
Grand Totals	773	564	308	141	34,983	18,392	16,591
Decrease for the Year	11	16	4	14	1,498	1,182	316
Percentages	......	73.0	......	45.8	......	52.6	47.4

*Several Public Schools of York Township used for Evening Vocational classes.

SCHOOLS, 1939-40

	Students						Aggregate Student Hours Attendance	No. of Nights School was Open	No. of Class-rooms
	Beginners			Nationality					
	Total	Male	Female	Canadian	British	Others			
1	85	30	55	113	2	....	7,695	43	8
2	127	127	....	221	22	6	6,968	52	9
3	335	222	113	421	61	25	28,191	39	19
4	341	160	181	371	22	41	17,582	41	12
5	272	168	104	437	59	23	42,056	92	46
6	25	....	25	34	5	1	1,154	....	3
7	94	86	8	101	16	25	6,026	39	7
8	197	99	98	263	19	11	12,332	79	10
9	522	463	59	503	95	78	29,180	144	26
10	26	9	17	20	....	8	1,306	39	5
11	34	29	5	37	....	....	1 632	31	1
12	417	180	237	459	62	17	13,274	44	18
13	380	220	160	578	16	70	21,935	85	30
14	972	512	460	1,142	155	63	55,618	80	43
15	67	14	53	113	11	30	n.r.	42	6
16	326	153	173	404	60	68	19,585	40	21
17	492	279	213	706	66	104	51,455	44	35
18	1,011	432	579	1,666	80	45	69,311	89	64
19	1,042	293	749	1,187	63	25	47,838	90	52
20	178	87	91	252	10	5	10,186	47	12
21	129	38	91	246	2	1	n.r.	41	13
22	461	218	243	855	58	7	38,091	114	39
23	39	16	23	96	....	1	5,452	37	11
24	387	223	164	567	55	58	35,722	100	37
25	199	106	93	219	23	4	11,443	39	13
26	459	239	220	493	35	57	23,987	65	23
27	324	173	151	483	51	13	18,130	81	34
28	1,755	983	772	2,605	432	510	152,158	96	193
29	no	reco	rd	2,832	432	66	111,102	96	117
30	785	258	527	1,010	71	107	42,355	77	61
31	731	266	465	983	101	26	n.r.	77	29
32	1,845	680	1,165	2,610	343	91	117,861	77	139
33	1,333	690	643	1,956	213	100	89,448	93	115
34	375	218	157	499	31	96	25,588	40	26
35	270	170	100	344	57	9	14,802	39	28
36	1,351	901	450	1,244	221	280	66,540	83	50
37	144	76	68	256	42	10	10,084	59	8
38	53	23	30	63	8	1	3,489	46	5
39	152	33	119	143	16	5	7,077	46	9
40	58	22	36	62	5	3	3,224	46	6
41	83	38	45	159	28	3	65,216	45	10
42	59	33	26	58	10	....	3,607	45	5
	17,935	8,967	8,968	26,811	3,058	2,093	1,288,700	....	1,398
1	300	114	186	287	8	13	12,811	33	22
2	816	602	214	1,190	96	100	46,785	159	43
3	280	150	130	340	40	70	31,558	93	27
4	194	91	103	262	11	7	14,685	44	14
5	358	135	223	483	55	59	22,548	100	27
	1,948	1,092	856	2,562	210	249	128,387	....	133
	19,883	10,059	9,824	29,373	3,268	2,342	1,417,087	....	1,531
	1,722	1,299	513	953	501	44	....	....	14
	†56.8	50.6	49.4	83.9	9.3	6.8	....	....	....

†Of Total Enrolment.
n.r.—Not Reported.

WAR WORK CLASSES

Fine Instrument Class

Radio Construction

TABLE 36—NIGHT SCHOOLS—Classification of Pupils by Subjects of Study, 1940-41

I. ACADEMIC

A—CULTURAL

1. English for New Canadians	182	6. Public Speaking	95
2. Reading	242	7. French	228
3. Literature	200	8. German	16
4. Composition and Spelling	501	9. Vocal Music	11
5. Grammar	340	10. Dramatic Art	23

B—PRACTICAL

1. Arithmetic	734	4. Trigonometry	169
2. Algebra	350	5. Mensuration	72
3. Geometry	282	6. Shop Mathematics	1,125

II. VOCATIONAL AND INDUSTRIAL

A—DOMESTIC ARTS

1. Cooking	1,587	6. Sewing and Dressmaking	3,491
2. Hygiene and Dietetics	273	7. Millinery	267
3. Home Nursing	344	8. Textiles	47
4. Home Economics	149	9. Embroidery and Lace Making	17
5. Drafting and Design (Clothing)	9	10. Period Furniture	19

B—COMMERCE

1. Stenography	4,359	8. Filing	146
2. Typewriting	5,132	9. Office Routine	104
3. Business English	198	10. Book-keeping	1,885
4. Journalism	29	11. Advertising	104
5. Rapid Calculation	28	12. Salesmanship	59
6. Business Machines	691	13. Commercial Law	27
7. Business Forms	182	14. Dictaphone Transcription	168

C—ART, DRAFTING AND DESIGN

(a) Pure Art:		5. Anatomy	49
1. History of Art	19	6. Life Drawing	185
2. Elementary Art	18	7. Modelling	29
3. Colour Study	252	8. Perspective	84
4. Still Life Drawing	131	9. Antique Drawing	51
(b) Applied Art:		3. Interior Decorating	111
1. Illustrating	149	4. Costume Drawing and Design	172
2. Commercial Art and Design	176	5. Photography	51
(c) Industrial Drafting and Design:		5. Electrical Drawing	2
1. Mechanical Drawing	2,014	6. Machine Drawing and Design	411
2. Industrial Design	133	7. Tool Design	44
3. Blue Print Reading	336	8. Sheet Metal Drawing	128
4. Architectural Drawing	273	9. Horological Drafting	47

D—CRAFTS

1. Leather Working	40	5. Rugs	19
2. Wood Carving	27	6. Art Metal Work	16
3. Cabinet Making	257	7. Printing	135
4. Pottery	31	8. Pattern Making	19

E—SCIENCE AND ENGINEERING

(a) Science:		5. Metallurgy and Assaying	12
1. Chemistry	336	6. Applied Mechanics	17
2. Industrial Chemistry	172	7. Electricity	811
3. Chemistry for Nurses	55	8. Aerodynamics	15
4. Mineralogy and Geology	15	9. Photography	39
(b) Engineering:		4. Diesel Engines	100
1. Stationary	214	5. Telephony	16
2. Refrigeration and Air Conditioning	26	6. Telegraphy	46
3. Aviation	120	7. Wireless	56

F—TRADES AND INDUSTRY

1. General Woodworking	874	7. Auto Mechanics	1,830
2. Carpentry and Building	240	8. Armature Winding	12
3. Painting and House Decorating	63	9. Radio Construction and Repair	116
4. Machine Shop Work	3,733	10. Glove Making	13
5. Acetylene Welding	2,108	11. Hair Dressing	98
6. Electric Welding	161		

G—WAR WORK STUDIES

1. Aircraft Construction	958	3. Munition Part Inspection	38
2. Artillery	30		

III. MISCELLANEOUS

1. First Aid	25	3. Gymnasium	721
2. Lip Reading	24	4. Swimming	613

THE SENIOR AUXILIARY SCHOOLS

TABLE 37—SCHOOLS, TEACHERS, PUPILS, ETC., 1939-40

Schools	Full-Time Teachers		Full-Time Enrolment		Average Daily Attendance	Attendance Efficiency Percentage	Year Classification of Full-Time Enrolment						Part-Time Enrolment	Beginners admitted during the year	Retirements during the Year while in				
	Male	Female	Male	Female			1st year	2nd year	3rd year	4th year	5th year	Special			1st year	2nd year	3rd year	4th year	5th year
Hamilton—Boys' Handicraft	10	1	201	......	184	86.2	89	107	5	.....	.....	.....	.....	99	89	107	5	.....	.....
Girls' Handicraft	......	6	......	104	94	87.9	.....	.....	.....	.....	.....	104	.....	.....	15	12	13	5	.....
Toronto —Boys' (Jarvis St.)	24	......	541	......	467	86.4	235	153	109	30	14	.....	12	275	34	96	113	32	14
Girls' (Dovercourt Rd.)	......	15	......	297	271	89.6	81	102	110	4	.....	.....	9	151	3	5	68	17	.....
Girls' (Bolton Ave.)	......	11	......	255	204	87.1	52	51	53	53	46	.....	1	163	38	26	55	.....	.....
Totals	34	33	742	656	1,220	87.4	457	413	277	87	60	104	22	688	179	246	254	54	14
Increase for year	......	2	......	24	......	.6	.....	27	.....	50	46	104	7	13	53	30	13	29	.....
Decrease for year	......	......	53	......	27	......	145	.....	111	.....	.....	.....	.....	.....	.....	.....	.....	.....	2

TABLE 38—AGE-GRADE DISTRIBUTION OF FULL-TIME PUPILS, MAY, 1940

		12 years	13 years	14 years	15 years	16 years	17 years	18 years	19 years	20 years	21 and Over	Totals	Year Total
First Year	Boys	7	113	119	74	10	....	1	....	....	....	324	
	Girls	1	81	73	48	4	2	....	....	....	....	209	533
Second Year	Boys	1	8	132	98	18	3	....	....	....	....	260	
	Girls	....	25	134	33	12	1	....	....	....	....	205	465
Third Year	Boys	....	....	11	71	24	5	2	1	....	....	114	
	Girls	....	....	19	109	27	6	1	....	....	....	162	276
Fourth Year	Boys	....	....	....	7	12	9	2	....	....	....	30	
	Girls	....	....	12	51	11	5	1	....	....	....	80	110
Fifth Year	Boys	....	....	....	....	....	4	1	1	2	6	14	14
	Girls	....	....	....	....	....	....	....	....	....	....	....	
Totals by Sexes	Boys	8	121	262	250	64	21	6	2	2	6	742	
	Girls	1	106	238	241	54	14	2	....	....	....	656	
Grand Totals		9	227	500	491	118	35	8	2	2	6	1,398	....

TABLE 39—FINANCIAL STATISTICS, 1939

Schools	Average Daily Attendance	Major Items of Receipts		Disbursements		Cost per Pupil-Day (Cents)			Debenture Indebtedness	
		Legislative Grant	School District Levy	Current	Capital	Current	Capital	Total	Total	
Hamilton—Boys' Handicraft	215	$ 5,058	$27,783	$ 34,369	$ 76	82.3	.2	82.5	....	41,767
Girls' Handicraft	92	2,447	11,153	14,890	....	82.5	....	82.5	....	18,049
Toronto —Boys' (Jarvis St.)	473	21,987	88,591	101,768	12,682	108.6	13.5	122.1	$108,000	93,658
Girls' (Dovercourt Rd.)	269	8,043	49,679	57,245	159	108.9	3.0	111.9	....	52,570
Girls' (Bolton Ave.)	195	6,154	43,037	41,075	9,637	107.7	25.3	133.0	33,310	38,131
Totals and Averages	1,244	$ 43,689	$220,243	$249,347	$22,554	102.1	9.2	111.3	$141,310	244,175

TABLE 40—Professional Certificates Issued by the Department of Education during the Calendar Year 1940

A—General

Training Schools	Classification of Certificates										Grand Totals
	Public and Separate School				High School		Vocational School				
	First Class		Second Class		Interim	Permanent	Interim		Permanent		
	Interim	Perm.	Interim	Perm.			Ordinary	Specialist	Ordinary	Specialist	
Ontario College of Education	19	....	....	....	384	....	....	....	....	....	403
Normal Schools	1,585	....	127	....	....	....	....	....	....	....	1,712
Ontario Technical Training College	....	....	....	....	....	....	22	3	15	8	48
Interim Certificates Issued	1,604	....	127	....	384	....	....	....	....	....	2,115
Interim Certificates Made Permanent	....	1,082	....	125	....	464	....	....	....	....	1 671
Total Number of Certificates Issued	1,604	1,082	127	125	384	464	....	....	....	....	3,786

B—Special

(1) One-Year Course

Subject	Elementary		Intermediate		Specialist	
	Int.	Perm.	Int.	Perm.	Int.	Perm.
Home Economics	....	....	17	8	....	....
Manual Training	....	....	17	2	16	6
*Art	37	....	15	....	....	....
*Physical Education	82	....	37	....	....	....
*Vocal Music	34	....	15	....	....	....
†Primary Specialists	5	....	....	....	....	....

*Taken at the Ontario College of Education.
†Taken at the Toronto Normal School.

(2) Summer School

Subject	Elementary	Intermediate & Supervisor	Specialist
Agriculture and Horticulture	....	....	....
Art	....	....	....
Commercial Subjects	16	....	....
Music—Vocal	497	....	....
—Instrumental	110	....	....
Physical Culture	....	....	....
Manual Training	....	....	....
Home Economics	....	....	....

Auxiliary Education	124	Kindergarten-Primary	122
Education	1,600	Oral French	....
Farm Mechanics	....	Provisional High School Assistant	46
Health Education	....		

Note 1.—In addition to the above, 65 Interim Certificates in Elementary Agriculture and Horticulture were issued on pro tanto standing.

Note 2.—During the year 60 High School Principals' Certificates were granted and the following Interim certificates were made permanent: — 686 Elementary, 163 Intermediate and Supervisor's, 22 Auxiliary Education, and 85 Kindergarten-Primary.

C—Temporary

Public County Inspectorates —Dundas 2, Durham 1, Essex 2, Frontenac 6, Glengarry 1, Grey 3, Haldimand 1, Hastings 9, Lambton 2, Lanark 2, Norfolk 1, Northumberland 2, Perth 2, Peterborough 2, Simcoe 3, Stormont 1, Waterloo 2, Welland 1, Wellington 2. Total, 45.

Public District Inspectorates—Division I, 1: III, 5; IV, 1; VI, 4; VIII, 1; IX, 4; X, 1; XII, 4; XIII, 1; XIV, 4; XVI, 5; XVII, 8. Total, 39.

R.C. Separate Inspectorates —Division IV, 26; VIII, 3; X, 2; XIV, 1; XVII, 2. Total, 34.

Total Temporary Certificates, 118.

TABLE 41—LOCATION OF SECONDARY SCHOOLS BY COUNTIES AND DISTRICTS, SEPT. 1940

The type of Secondary Schools is shown thus: Collegiate Institute (CI); High School (H); Continuation School (C); Technical School (T); Commercial School (Com); Composite (academic, commercial and technical) (ACT); Combined academic and commercial (AC); Combined Vocational (commercial and technical) (CT); Combined academic and vocational agriculture (A. Agr.); Combined academic and mining school (AM).
Senior Auxiliary Schools shown thus: (SA); Navigation Schools shown thus: (N).

COUNTIES	CITIES	TOWNS	INCORPORATED VILLAGES	OTHER CENTRES WHERE SECONDARY SCHOOLS ARE LOCATED
Brant	Brantford (ACT)	Paris (H)		Burford (H), Mount Pleasant (C), St. George (C), Scotland (C)
Bruce		Chesley (H), Kincardine (H), Southampton (C), Walkerton(H), Wiarton (H).	Hepworth (C), Lion's Head (C), Lucknow (H), Mildmay, Paisley (C), Port Elgin (H), Ripley (C), Tara (C), Teeswater (C), Tiverton (C)	Allenford (C).
Carleton	Ottawa (2 CI) (T) (Com.)	Eastview	Richmond (C), Rockliffe	Bowesville (C), Carp (C), Fitzroy Harbour (C), Jockvale (C), Kars (C), Kenmore (C), Kinburn (C), Manotick (C), Metcalfe (C), Nepean (H), North Gower (C), Pierce's Corners*(C)
Dufferin		Orangeville (H)	Grand Valley (C), Shelburne (H)	Honeywood (C), Laurel (C)
Dundas			Chesterville (H), Iroquois (H), Morrisburg (C.I.), Winchester (H)	Hallville (C) Morewood (H), South Mountain (C)
Durham		Bowmanville (H), Port Hope (H)	Millbrook (C), Newcastle (H)	Blackstock (C), Orono (C)
Elgin	St. Thomas (CI) (CT)	Aylmer (H)	Dutton (H), Port Stanley, Rodney (C), Springfield (C), Vienna (H), West Lorne (C)	Belmont (C), Fingal (C), Port Burwell (C), Sparta (C)
Essex	Windsor (4 CI) (CT)	Amherstburg (H), Essex (H), Harrow (H), Kingsville (H), La Salle, Leamington (H), Riverside, Tecumseh.	Belle River, St. Clair Beach.	Comber (C), Pelee Island (C)
Frontenac	Kingston (CT) (N)		Portsmouth	Sydenham (H), Wolfe Island (C)
Glengarry		Alexandria (H)	Lancaster, Maxville (H)	Williamstown (H)
Grenville		Prescott (H)	Cardinal (C), Kemptville (H). Merrickville (C)	North Augusta (C), Spencerville (C)
Grey	Owen Sound (ACT)	Durham (H), Hanover (H), Meaford (H), Thornbury (H)	Chatsworth (C), Dundalk (H), Flesherton (H), Markdale (H), Neustadt, Shallow Lake	Feversham (C), Holstein (C)
Haldimand		Dunnville (H)	Caledonia (H), Cayuga (H), Hagersville (H), Jarvis (C)	Selkirk (C)
Haliburton				Haliburton (C), Minden (C), Wilberforce (C)
Halton		Burlington (H), Georgetown (H), Milton (H), Oakville (H)	Acton (C)	

*Malakoff Continuation School

TABLE 41—LOCATION OF SECONDARY SCHOOLS BY COUNTIES AND DISTRICTS, SEPT. 1940

COUNTIES	CITIES	TOWNS	INCORPORATED VILLAGES	OTHER CENTRES WHERE SECONDARY SCHOOLS ARE LOCATED
Hastings	Belleville (ACT)	Deseronto (H), Trenton (H)	Bancroft (C), Deloro, Frankford (C), Madoc (H), Marmora (H) Stirling (H), Tweed (H)	
Huron		Clinton (C.I.), Goderich (CI), Seaforth (CI), Wingham (H)	Blyth (C), Brussels (C), Exeter (H), Hensall (C)	Fordwich (C), Wroxeter (C)
Kent	Chatham (CI) (CT)	Blenheim (H), Bothwell (C), Dresden (C), Ridgetown (A.Agr.), Tilbury (H), Wallaceburg (H)	Erieau, Highgate (C), Thamesville (C), Wheatley (C)	Merlin (C), Paincourt (C)
Lambton	Sarnia (ACT)	Forest (H), Petrolia (H)	Alvinston (C), Arkona (C), Courtright, Oil Springs (C), Point Edward, Thedford (C), Watford (H), Wyoming (C)	Florence (C)
Lanark		Almonte (H), Carleton Place (H), Perth (AC), Smith's Falls (CI)	Lanark (C)	Pakenham (C)
Leeds		Brockville (AC), Gananoque (H)	Athens (H), Newboro, Westport (2C)	Delta (C), Elgin (C), Lansdowne (C), Lyndhurst (C), Mallorytown (C), Seely's Bay (C)
Lennox and Addington		Napanee (AC)	Bath (C), Newburgh (H)	Denbigh (C), Flinton (C), Odessa (C), Stella (C), Tamworth (C)
Lincoln	St. Catharines (ACT)	Grimsby (H), Merriton (H), Niagara (H)	Beamsville (A.Agr.), Port Dalhousie	Smithville (H)
Middlesex	London (3 CI) (CT)	Parkhill (H), Strathroy (CI)	Ailsa Craig (C), Glencoe (H), Lucan (H), Newbury, Wardsville (H)	Delaware (C), Dorchester (C), Ilderton (C) Lambeth (C), Lobo (C), Melbourne (C), Mt. Bridges (C), Thorndale (C)
Norfolk		Simcoe (ACT)	Delhi (H), Port Dover (H), Port Rowan (H), Waterford (H)	
Northumberland		Campbellford (H), Cobourg (CI)	Brighton (H), Colborne (H), Hastings	Castleton (C), Warkworth (C) Wooler (C)
Ontario	Oshawa (ACT)	Whitby (H), Uxbridge (H)	Beaverton (C), Cannington (C), Port Perry (H)	Brooklin (C), Claremont (C), Pickering (C), Sunderland (C)
Oxford	Woodstock (AC)	Ingersoll (CI), Tillsonburg (H)	Embro (C), Norwich (H), Tavistock (C)	Brownsville (C), Burgessville (C), Drumbo (C), Mt. Elgin (C), Otterville (C), Plattsville (C), Princeton (C), Thamesford (C)
Peel		Brampton (H)	Bolton (C), Port Credit (H), Streetsville (H)	Alton (C), Caledon East (C), Cooksville (C), Inglewood (C)
Perth	Stratford (AC)	Listowel (H), Mitchell (H), St. Mary's (CI)	Milverton (C)	
Peterborough	Peterborough (ACT)		Havelock (H), Lakefield (H), Norwood (H)	Ennismore (C)

TABLE 41—LOCATION OF SECONDARY SCHOOLS BY COUNTIES AND DISTRICTS, SEPT. 1940

Counties	Cities	Towns	Incorporated Villages	Other Centres where Secondary Schools are Located
Prescott		Hawkesbury (2H), Vankleek Hill (CI)	L'Original	Plantagenet (H)
Prince Edward		Picton (AC)	Bloomfield, Wellington (C)	Consecon (C)
Renfrew		Arnprior (H), Pembroke (AC), Renfrew (ACT)	Barry's Bay, Braeside, Cobden (C) Eganville (2C), Killaloe	Beachburg (C), Chalk River (C), Forester's Falls (C), Westmeath (C)
Russell		Rockland (H)	Casselman	Cumberland (C), Embrun (H), Navan (C), Russell (C)
Simcoe		Alliston (H), Barrie (AC), Collingwood (CI), (N), Midland (H), (N), Orillia (CI), Penetanguishene (H), Stayner (C)	Beeton (C), Bradford (H), Coldwater (C), Creemore (C), Port McNicoll, Tottenham (C), Victoria Harbour	Cookstown (C), Elmvale (C), Lefroy (C), Minesing (C), Severn Bridge (C), Singhampton (C), Thornton (C)
Stormont		Cornwall (AC)	Finch (H)	Aultsville (C), Avonmore (H), Wales (C)
Victoria		Lindsay (CI)	Bobcaygeon (C), Fenelon Falls (C), Omemee (H), Woodville (C)	Kinmount (C), Little Britain (C)
Waterloo	Galt (ACT), Kitchener (ACT)	Elmira (H), Hespeler, Preston (C), Waterloo	Ayr (C), New Hamburg (C)	New Dundee (C), Wellesley (C)
Welland	Niagara Falls (ACT) Welland (ACT)	Fort Erie (AC), Port Colborne (H), Thorold (H)	Chippawa, Fonthill, Humberstone	Pelham (C), Ridgeway (H), Stevensville (C), Stamford (AC)
Wellington	Guelph (ACT)	Harriston (H), Mount Forest (H), Palmerston (C)	Arthur (H), Clifford (C), Drayton (C), Elora (H), Erin (C), Fergus (H)	Rockwood (C)
Wentworth	Hamilton (2CI), (Com.), (T), (2SA), (ACT)	Dundas (H)	Waterdown (H), Stoney Creek (H)	Lynden (C)
York	Toronto (10CI), (3SA), (2T) (2CT), (2 Com.)	Aurora (H), Leaside, Mimico (H), Newmarket (H), New Toronto, Weston (ACT)	Forest Hill (C), Long Branch (C), Markham (H), Richmond Hill (H), Stouffville (C), Sutton (C), Swansea, Woodbridge	(a) In York Twp.: Runnymede (AC) Vaughan Rd. (AC) York Memorial (AC) (b) In East York Twp.: East York (AC) (c) In North York " Willowdale (AC) (d) In Scarboro " Scarboro (AC) (e) In Etobicoke " Etobicoke (H) Agincourt (C), Mt. Albert (C), Schomberg (C)

TABLE 41—LOCATION OF SECONDARY SCHOOLS BY COUNTIES AND DISTRICTS, SEPT. 1940

Districts	Cities	Towns	Incorporated Villages	Other Centres where Secondary Schools are Located
Algoma	Sault Ste. Marie (CI), (CT)	Blind River (C), Bruce Mines (C), Nesterville, Thessalon (H)	Hilton Beach	Hornpayne (C), Richard's Landing (C), White River (C)
Cochrane		Cochrane (H), Hearst, Iroquois Falls (H), Kapuskasing (H), Matheson, Smooth Rock Falls (C), Timmins (ACT)		South Porcupine (H), Schumacher (H)
Kenora		Dryden (H), Keewatin (H), Kenora (H), Sioux Lookout (C)		Red Lake (C)
Manitoulin		Gore Bay (H), Little Current (C)		Manitowaning (C), Mindemoya (C)
Muskoka		Bala, Bracebridge (H), Gravenhurst (H), Huntsville (H)	Port Carling (C), Port Sydney, Rosseau, Windemere	MacTier (C), Milford Bay (C)
Nipissing	North Bay (ACT)	Bonfield, Cache Bay, Mattawa (H), Sturgeon Falls (H)		
Parry Sound		Kearney, Parry Sound (H), Powassan (C), Trout Creek	Burk's Falls (C), South River (C), Sundridge (C)	Sprucedale (C)
Rainy River		Fort Frances (AC), Rainy River (H)		Emo (C)
Sudbury	Sudbury (H), (T)	Capreol (H), Chelmsford, Coniston (C), Copper Cliff (H), Frood Mine, Massey (C), Webbwood		Chapleau (H), Espanola (C)
Timiskaming		Charlton, Cobalt (H), Englehart (H), Haileybury (AM), Latchford, New Liskeard (H)	Thornloe	Fraserdale (C), Kirkland Lake (ACT)
Thunder Bay	Fort William (CI) (CT) Port Arthur (CI) (CT)	Geraldton (H)		Nipigon (C), Schreiber (C)

TABLE 42—INSPECTORS AND INSPECTORATES, AS OF DECEMBER 31, 1940

A—ELEMENTARY SCHOOLS

V. K. Greer, M.A., Chief Inspector, Public and Separate Schools...	Parliament Buildings, Toronto
J. D. Campbell, B.A., Assistant Chief Inspector, Public and Separate Schools...	
J. B. MacDougall, B.A., D.Paed., Assistant Chief Inspector, Public and Separate Schools...	
Robert Gauthier, B.A., Ph.L., B.Paed., Director of French Instruction	
C. E. Stothers, B.A., D.Paed., Inspector of Auxiliary Classes...	
L. Helen De Laporte, B.A., B.Paed., Assistant Inspector of Auxiliary Classes...	
N. Davies, B.A., Inspector of Agricultural Classes...	
R. D. Keefe, B.A., Provincial School Attendance Officer...	
G. R. Fenwick, Mus. Bac., Provincial Supervisor of Music...	

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(1) City—Public

Inspectorate	Inspector	Address
Brantford...	Russell Reid, B.A...	Brantford.
Chatham...	H. A. Tanser, M.A., D.Paed., Superintendent of Schools...	Chatham.
Hamilton...	Frank E. Perney, B.A., B.Paed., Superintendent of Schools...	Hamilton.
	V. N. Ames, B.A., B.Paed...	
	R. A. Riddell, B.A., B.Paed...	
	J. W. Van Loon, B.A., B.Paed...	
Kitchener...	H. J. Prueter, B.A., D.Paed...	Kitchener.
London...	G. A. Wheable, B.A., Superintendent of Schools...	London.
	A. B. Lucas, B.A., B.Paed...	
Ottawa...	McGregor Easson, B.A., D.Paed., Chief Inspector...	Ottawa.
	Robert Westwater, B.A., B.Paed.	
Peterborough...	K. S. Wightman, B.A., B.Paed...	Peterborough.
Sarnia...	T. C. White, B.A., B.Paed...	Sarnia.
St. Catharines...	M. F. Pummell, B.A., B.Paed...	St. Catharines.
Toronto...	C. C. Goldring, M.A., D.Paed., Superintendent of Schools...	Toronto.
	W. E. Hume, B.A., D.Paed...	
	P. F. Munro, M.A., D.Paed...	
	A. G. Leitch, B.A., B.Paed...	
	G. W. McGill, M.A., D.Paed...	
	H. E. Cavell, M.A., B.Com., B.Paed...	
	A. W. R. Doan, M.A., D.Paed...	
	J. L. McCullough, B.A., B.Paed...	
Welland...	John Flower, B.A...	Welland.
Windsor...	Leonard Wheelton, B.A., Superintendent of Schools...	Windsor.
	A. R. Davidson, B.A...	

(2) COUNTY—PUBLIC

Inspectorate	Inspector	Address
Brant and Norfolk (in part); Town of Paris	W. Joyce, B.A.	Brantford.
Bruce East; Grey (in part); Huron (in part); Towns of Chesley, Walkerton, Villages of Mildmay, Tara	J. M. Game, B.A., B.Paed.	Walkerton.
Bruce, West; Towns of Kincardine, Southampton; Villages of Lucknow, Paisley, Port Elgin, Ripley, Teeswater, Tiverton	G. C. Dobson, B.A., B.Paed.	Kincardine.
Carleton; Town of Eastview; Villages of Rockcliffe Park, Richmond	T. P. Maxwell, B.A.	Ottawa. 39 Glen Ave.
Dufferin; Town of Orangeville; Villages of Grand Valley, Shelburne	H. A. Halbert, B.A., B.Paed.	Orangeville.
Dundas; Villages of Chesterville, Iroquois, Morrisburg and Winchester	W. J. Stewart, B.A., B.Paed.	Winchester.
Durham (in part) and City of Oshawa; Town of Bowmanville	T. R. McEwen, B.A., B.Paed.	Oshawa.
Elgin; City of St. Thomas; Town of Aylmer; Villages of Dutton, Port Stanley, Rodney, Springfield, Vienna, West Lorne	J. C. Smith, B.A.	St. Thomas.
Essex, (No. 1); Towns of Amherstburg, Essex, Harrow, Riverside, Tecumseh; Villages of Belle River, St. Clair Beach	D. M. Eagle	Windsor, 165 California Ave.
Essex, (No. 2); Towns of Kingsville, Leamington	F. W. Minkler, B.A., B.Paed.	Kingsville.
Frontenac, South (No. 1); Lennox (in part); Villages of Bath, Portsmouth	S. A. Truscott, M.A.	Kingston.
Frontenac, North, and Addington (in part)	T. J. Thompson, B.A., B.Paed.	Sharbot Lake.
Frontenac, South (No. 2); and City of Kingston	F. P. Smith, M.A.	Kingston.
Glengarry (in part) and Prescott (in part); Town of Alexandria; Villages of Lancaster, Maxville	R. O. Staples, B.A., B.Paed.	Alexandria.
Grey, East; Towns of Meaford, Thornbury; Village of Chatsworth	L. L. Sinclair, B.A.	Meaford.
Grey, North, and Bruce, North; City of Owen Sound; Town of Wiarton; Villages of Hepworth, Lion's Head, Shallow Lake	J. J. Wilson, B.A.	Owen Sound.
Grey, South; Towns of Durham, Hanover; Villages of Dundalk, Flesherton, Markdale, Neustadt	G. E. Pentland, M.A.	Hanover.
Haldimand; Town of Dunnville; Villages of Caledonia, Cayuga, Hagersville, Jarvis	J. L. Mitchener, B.A.	Cayuga.
Halton; Towns of Burlington, Georgetown, Milton, Oakville; Village of Acton	L. L. Skuce, B.A., B.Paed.	Milton.
Hastings, Centre; Villages of Madoc, Stirling, Tweed	A. W. McGuire, B.A.	Tweed.
Hastings, North, and Renfrew (in part); Villages of Bancroft, Deloro, Marmora	J. D. Deyell, B.A., B.Paed.	Bancroft.
Hastings, South, and City of Belleville; Town of Trenton; Village of Frankford	J. R. Pickering, B.A., B.Paed.	Belleville.
Huron, East; Towns of Seaforth, Wingham; Villages of Blyth, Brussels	J. H. Kinkead, B.A., B.Paed.	Goderich.
Huron, West; Towns of Goderich, Clinton, Villages of Exeter, Hensall	E. C. Beacom, B.A.	Goderich.
Kent; Towns of Blenheim, Bothwell, Dresden, Ridgetown, Tilbury, Wallaceburg; Villages of Erieau, Thamesville, Wheatley	G. A. Pearson, B.A.	Chatham.
Lambton, (No. 1); Town of Forest; Villages of Courtright, Point Edward, Thedford, Wyoming	H. B. Galpin, B.A., B.Paed.	Sarnia.
Lambton, (No. 2); Town of Petrolia; Villages of Alvinston, Arkona, Oil Springs, Watford	J. J. Edwards, B.A.	Petrolia.
Lanark; Towns of Almonte, Carleton Place, Perth, Smith's Falls; Village of Lanark	L. B. Hyde, B.A.	Perth.

(2) County—Public

Inspectorate	Inspector	Address
Leeds and Grenville (No. 1); Town of Gananoque; Villages of Newboro, Westport	James F. McGuire, M.A.	Gananoque.
Leeds and Grenville (No. 2); Town of Brockville; Village of Athens	E. Oakes, B.A., B.Paed.	Brockville.
Leeds and Grenville (No. 3); Town of Prescott; Villages of Cardinal, Kemptville, Merrickville	R. A. A. McConnell, B.A.	Prescott.
Lennox and Hastings, South (in part); Towns of Deseronto, Napanee; Village of Newburgh	K. O. Birkin, M.A., B.Paed.	Napanee.
Lincoln (in part); Towns of Grimsby, Merritton, Niagara; Villages of Beamsville, Port Dalhousie	Geo. A. Carefoot, B.A., B.Paed.	St. Catharines.
Middlesex, East; Village of Lucan	D. G. Smith, B.A.	London, 155 Thornton Ave.
Middlesex, West; Towns of Parkhill, Strathroy; Villages of Ailsa Craig, Glencoe, Newbury, Wardsville	Gordon Young, B.A.	Strathroy.
Norfolk (in part); Town of Simcoe; Villages of Delhi, Port Dover, Port Rowan, Waterford	W. L. Bowden, B.A.	Simcoe.
Northumberland and Durham (No. 1); Towns of Cobourg, Port Hope; Villages of Newcastle, Millbrook	W. H. Carlton, B.A., B.Paed.	Cobourg.
Northumberland and Durham (No. 2); Town of Campbellford; Villages of Brighton, Colborne, Hastings	A. A. Martin, B.A., B.Paed.	Brighton.
Ontario North, and York (in part); Town of Uxbridge; Villages of Beaverton, Cannington, Sutton West	T. R. Ferguson, M.A.	Uxbridge.
Ontario South; Town of Whitby; Village of Port Perry	R. A. Hutchison, B.A.	Whitby.
Oxford North, and City of Woodstock; Villages of Embro, Tavistock	Geo. M. Mather, B.A.	Woodstock.
Oxford South; Towns of Ingersoll, Tillsonburg; Village of Norwich	J. W. Hagan, M.A.	Ingersoll.
Peel; Town of Brampton; Villages of Bolton, Port Credit, Streetsville	W. F. Smith, B.A., B.Paed.	Brampton.
Perth, North, and Wellington (in part); Towns of Listowel, Mitchell; Village of Milverton	A. E. Nelson, B.A.	Stratford.
Perth, South, and City of Stratford; Town of St. Mary's	G. N. Edwards, B.A., B.Paed.	Stratford.
Peterborough East; Villages of Havelock, Lakefield, Norwood	L. W. Copp, B.A., B.Paed.	Peterborough.
Peterborough West, and Victoria, East; Town of Lindsay; Villages of Bobcaygeon, Omemee	R. F. Downey, B.A., B.Paed.	Peterborough.
Prescott and Russell (No. 1); Towns of Hawkesbury, Rockland, Vankleek Hill, Village of L'Orignal (Prot. Sep. Sch.)	J. C. Webster, B.A., B.Paed.	Russell
Prescott and Russell (No. 2)	F. Choquette, B.A.	Ottawa, 121 Frank St.
Prescott and Russell (No. 3); Village of L'Orignal (Pub. S.)	J. S. Gratton	Plantagenet.
Prescott and Russell, (No. 4); Glengarry (in part)	Joseph Lapensee, B.A.	Plantagenet.
Prince Edward; Town of Picton; Villages of Bloomfield, Wellington	A. F. Brown, B.A.	Picton.
Renfrew, North; Town of Pembroke; Village of Cobden	Norman Campbell, M.A.	Pembroke.
Renfrew, South; Towns of Arnprior, Renfrew; Villages of Barry's Bay, Braeside, Eganville, Killaloe Station	H. Bolingbroke, B.A., B.Paed.	Renfrew.

(2) COUNTY—PUBLIC

Inspectorate	Inspector	Address
Simcoe, Centre; Towns of Barrie, Penetanguishene (Prot. Sep. Sch.)	W. R. McVittie, B.A.	Barrie.
Simcoe, East; Muskoka (in part); Towns of Midland, Orillia; Villages of Coldwater, Port McNicoll, Victoria Harbour	J. A. Gibson, B.A., B.Paed.	Orillia.
Simcoe North and Kent (in part); Town of Penetanguishene (Pub. S.)	H. J. Payette, B.A.	Chatham.
Simcoe South; York (in part); Town of Alliston; Villages of Beeton, Bradford, Tottenham	C. A. Lapp, B.A., B.Paed.	Bradford.
Simcoe, West, Grey (in part); Dufferin (in part); Towns of Collingwood, Stayner; Village of Creemore	J. K. Evans, B.A.	Collingwood.
Stormont; Town of Cornwall; Village of Finch	James Froats, M.A., B.Paed.	Finch.
Victoria, West; Villages of Fenelon Falls, Woodville	C. W. Lees, B.A., B.Paed.	Lindsay.
Waterloo, No. 1; Towns of Elmira, Waterloo	G. H. Dobrindt, B.A.	Kitchener.
Waterloo, No. 2; City of Galt; Towns of Hespeler and Preston; Villages of Ayr, New Hamburg	Chas. Howitt, B.A., B.Paed.	Galt.
Welland, East; City of Niagara Falls; Town of Thorold; Village of Chippawa	Z. S. Phimister, B.A., B.Paed.	Niagara Falls, 1166 Victoria Ave
Welland, South; Towns of Fort Erie, Port Colborne; Village of Humberstone	N. R. Wightman, B.A.	Welland, 39 Oakland Ave.
Welland (in part); Lincoln (in part); Village of Fonthill	W. A. Marshall, B.A., B.Paed.	Welland, 84 Merritt St. W.
Wellington, North; Towns of Fergus, Harriston, Mount Forest; Palmerston; Villages of Arthur, Clifford, Drayton, Elora	L. P. Mezies, B.A., B.Paed	Fergus.
Wellington, South; City of Guelph; Village of Erin	G. G. McNab, M.A., D.Paed.	Guelph.
Wentworth; Town of Dundas; Villages of Waterdown, Stoney Creek	H. G. Lockett, M.A., B.Paed.	Hamilton, Court House
York (No. 1); Towns of Aurora, Newmarket; Villages of Markham, Woodbridge, Richmond Hill, Stouffville	W. H. T. Mooney, B.A., B.Paed.	Toronto, 200 Douglas Dr.
York (No. 2); Towns of Mimico, New Toronto, Weston; Village of Long Branch	M. R. Fydell, B.A.	Toronto, 6 Olympus Ave.
York (No. 3); Village of Swansea	W. A. Fydell, B.A., B.Paed.	Toronto, 8 Olympus Ave.
York (No. 4)	W. W. A. Trench, B.A.	Richmond Hill.
York (No. 5)	J. E. Wilkinson, B.A., B.Paed.	Toronto, 12, 34 Chudleigh Ave
York (No. 6); Town of Leaside; Village of Forest Hill	R. A. Johnston, B.A., B.Paed.	Toronto, 544 Briar Hill Ave.

(3) District—Public

Inspectoral Division		Inspectorate	Inspector	Address
I		Kenora and Thunder Bay (in part); Towns of Dryden, Keewatin, Kenora and Sioux Lookout	S. Shannon, B.A.	Kenora.
II		Rainy River; Towns of Fort Frances, Rainy River	W. E. Eade, B.A., B.Paed.	Fort Frances.
III		Thunder Bay (in part); City of Fort William	L. J. Williams, B.A.	Fort William.
IV		Thunder Bay (in part); City of Port Arthur	W. J. Judd, B.A.	Port Arthur.
V		Algoma (in part); City of Sault Ste. Marie; Village of Hilton Beach	D. T. Walkom, B.A.	Sault Ste. Marie.
VI		Algoma (in part); Nipissing (in part); Parry Sound (in part); Sudbury (in part); Towns of Capreol, Coniston, Copper Cliff	Wm. MacMillan, B.A., B.Paed.	Sudbury.
VII	(1)	Algoma (in part); Sudbury (in part); City of Sudbury; Towns of Blind River, Frood Mine, Massey, Webbwood	O. M. MacKillop, B.A., B.Paed.	Sudbury.
	(2)	Sudbury (in part)	L. Carrière, B.A.	Sudbury.
VIII		Algoma (in part); Manitoulin; Towns of Bruce Mines, Gore Bay, Little Current, Nesterville, Thessalon	Sidney Geiger, B.A.	Gore Bay.
IX	(1)	Cochrane (in part); Towns of Cochrane, Hearst, Smooth Rock Falls.	W. F. Hiscocks, B.A.	Iroquois Falls.
	(2)	Cochrane (in part)	Remi Milette, B.A., B.Paed.	Cochrane
X	(1)	Cochrane (in part); Towns of Iroquois Falls, Timmins	H. W. Brown, B.A.	Timmins, 46 Patricia Blvd.
	(2)	Cochrane (in part)	R. R. Maurice, B.A.	Haileybury.
XI		Cochrane (in part); Temiskaming; Towns of Larder Lake, Matheson	J. E. Horton, B.A.	Kirkland Lake
XII		Timiskaming (in part); Towns of Charlton, Cobalt, Englehart, Haileybury, Latchford, New Liskeard; Village of Thornloe	W. L. Lovell, B.A.	Haileybury.
XIII	(1)	Nipissing and Parry Sound (in part); City of North Bay; Towns of Cache Bay, Mattawa, Sturgeon Falls	J. W. Trusler, B.A.	North Bay, 306 McIntyre St. W.
	(2)	Nipissing (in part); Sudbury (in part)	C. X. Charron, B.A.	Sturgeon Falls
XIV		Muskoka (in part); and Nipissing, South (in part); Parry Sound (in part); Towns of Kearney, Powassan, Trout Creek; Villages of Burk's Falls, South River, Sundridge	E. R. Underhill, B.A.	Huntsville
XV		Muskoka (in part), and Parry Sound; Town of Parry Sound; Village of Rosseau	J. L. Moore, B.A.	Parry Sound.
XVI		Muskoka (in part); Towns of Bala Bracebridge, Gravenhurst; Villages of Port Carling, Port Sydney, Windermere	G. S. Johnson, B.A.	Bracebridge.
XVII		Haliburton and Muskoka (in part); Town of Huntsville	Archibald Stouffer, B.A., B.Paed.	Minden.

(4) SEPARATE

Inspectoral Division	Inspectorate	Inspector	Address
I	Districts of Algoma, Kenora, Manitoulin, Rainy River, Thunder Bay; Cities of Fort William, Port Arthur, Sault Ste. Marie (in part), Sudbury (in part); Towns of Fort Frances, Keewatin, Kenora, Little Current, Rainy River, Sioux Lookout	W. J. Greening, BA., B.Paed	Port Arthur, 288 Harrington Ave.
II	Districts of Algoma (in part); Sudbury (in part); Cities of Sudbury (in part), Sault Ste. Marie (in part); Towns of Blind River, Chelmsford, Massey	L. Carrière, B.A.	Sudbury, 112 College St.
III	Districts of Sudbury (in part), Rainy River, Thunder Bay (in part); Towns of Coniston, Fort Frances, Geraldton	Louis Charbonneau, M.A., Ph. D.	Ottawa, 1 Beckwith St.
IV	District of Cochrane (in part); Towns of Cochrane, Hearst, Smooth Rock Falls	Remi Millette, B.A., B.Paed.	Cochrane.
V	District of Nipissing (in part); City of North Bay; Towns of Bonfield, Cache Bay, Sturgeon Falls, Mattawa	C. X. Charron, B.A.	Sturgeon Falls.
VI	Districts of Cochrane (in part); Timiskaming (in part); Towns of Charlton, Cobalt, Haileybury, Iroquois Falls, New Liskeard, Timmins; Village of Thornloe	R. R. Maurice, B.A.	Haileybury.
VII	Districts of Cochrane (in part), Parry Sound, Sudbury, Temiskaming; Cities of North Bay, Sudbury; Towns of Blind River, Chapleau, Cobalt, Cochrane, Coniston, Haileybury, Iroquois Falls, Kearney, Massey, Mattawa, Sturgeon Falls, Timmins	A. M. McNamara, B.A.	North Bay, 4 First Ave. East
VIII	County of Essex (in part); City of Windsor (in part); Towns of Amherstburg, Riverside (in part)	L. J. Langan, B.A.	Windsor, 386 Randolph Ave.
IX	County of Essex (in part); City of Windsor (in part); Towns of La Salle, Riverside (in part); Villages of Tecumseh, Belle-Rivière	Lucien Laplante, M.A.	Windsor, 1346 Benjamin Ave.
X	Counties of Essex (in part), Huron, Kent, Lambton, Simcoe (in part); Muskoka District; Cities of Chatham, Sarnia; Towns of Blenheim, Essex, Leamington, Midland, Tilbury, Wallaceburg	H. J. Payette, B.A.	Chatham, 48 Robertson Ave.
XI	Counties of Bruce, Huron, Middlesex, Norfolk, Perth; Cities of London, Stratford, St. Thomas, Woodstock; Towns of Goderich, Ingersoll, St. Mary's, Seaforth, Simcoe, Tillsonburg, Walkerton, Parkhill; Villages of Delhi, Mildmay, Teeswater	V. C. Quarry, B.A.	London, 613 Wellington St.
XII	Counties of Grey, Waterloo, Wellington; Cities of Brantford, Galt, Guelph, Kitchener, Owen Sound; Towns of Hanover, Hespeler, Mount Forest, Paris, Preston, Waterloo; Villages of Arthur, Elora, Fergus	J. C. Walsh, B.A., B.Paed.	Kitchener, St. Mary's Sch., Young St.

(4) Separate

Inspectoral Division	Inspectorate	Inspector	Address
XIII	County of Wentworth; Cities of Hamilton, St. Catharines; Town of Dundas	J. V. Scanlan, B.A.	Hamilton, 36 Beulah Ave.
XIV	Counties of Northumberland, Ontario, Peel, Peterborough, Simcoe, Victoria, York (in part); Cities of Niagara Falls, Oshawa, Peterborough; Towns of Barrie, Campbellford, Cobourg, Lindsay, Collingwood, Merritton, Mimico, Newmarket, Oakville, Orillia, Picton, Thorold, Trenton, Weston, Whitby; Villages of Hastings, Port Dalhousie	Wm. A. Hayden, M.A.	Toronto, 33 Claxton Blvd.
XV	City of Toronto (in part); York (in part); Town of Leaside	J. M. Bennett, M.A., Ph.D.	Toronto, 47 Browning Ave.
XVI	City of Toronto (in part); York (in part); Villages of Forest Hill, Swansea	T. S. Melady, M.A.	Toronto, 42 Lynngrove Ave.
XVII	Counties of Frontenac, Hastings (in part); Glengarry (in part); Addington, Stormont (in part); Cities of Belleville, Kingston; Towns of Alexandria (in part); Brockville, Cornwall (in part), Gananoque, Prescott; Villages of Chesterville, Marmora, Tweed, Portsmouth	C. P. Matthews, B.A., B.Paed.	Kingston, 98 William St. W.
XVIII	Counties of Lanark, Leeds, Renfrew Nipissing District; City of North Bay (in part); Towns of Almonte, Arnprior, Pembroke (in part); Perth, Renfrew, Smith's Falls; Villages of Barry's Bay, Eganville, Killaloe Station, Westport	J. T. Anderson, B.A.	Renfrew.
XIX	County of Carleton (in part); City of Ottawa (in part); Town of Eastview (in part)	F. J. McDonald, M.A., B.Paed.	Ottawa, 860 Echo Drive.
XX	City of Ottawa (in part), Clarkstown	C. A. Latour, B.A.	Ottawa, 67 Osgoode St.
XXI	Counties of Renfrew, Stormont; City of Ottawa (in part); Towns of Cornwall, Pembroke	A. Gascon, B.A., B.Paed.	Ottawa, 74 Marlowe Cresc.
XXII	Counties of Carlton, Dundas, Russell, Stormont (in part); Town of Eastview (in part); Village of Casselman	F. Choquette, B.A.	Ottawa, 121 Frank St.
XXIII	Counties of Glengarry, Prescott (in part, Russell (in part); Towns of Alexandria, Rockland	J. S. Gratton	Plantagenet.
XXIV	Counties of Glengarry (in part); Prescott (in part); Russell (in part); Stormont (in part), Towns of Hawkesbury, Vankleek Hill; Village of Lancaster	Joseph Lapensee, B.A.	Plantagenet.

B—SECONDARY SCHOOLS

Secondary School Inspectors

R. W. Anglin, M.A.
A. J. Husband, B.A.
W. A. Jennings, B.A.
A. G. Hooper, M.A.
G. L. Gray, B.A.
S. D. Rendall, B.A.
R. H. Wallace, M.A.
C. W. Robb, B.A.
T. Kennedy, M.A.

Vocational School Inspectors

F. S. Rutherford, B.A.Sc.
Miss A. M. Hamill, B.A.
Miss A. W. Cameron, B.A.
Miss E. D. McKim, B.A.
L. S. Beattie, B.A.
A. M. Moon, B.A.Sc.
Norman Davies, B.A.
D. W. Gordon

Registrar of Trade Schools—W. S. Kirkland, M.A., LL.D.
Address of above Officials—Parliament Buildings, Toronto.

TABLE 43—PUBLICATIONS OF THE DEPARTMENT OF EDUCATION

(NOTE—The year in brackets indicates the latest revision.)

Reports

1. *Report of the Minister*
2. *Report of Staffs of Public and Separate Schools*
3. *Report of Staffs of Collegiate Institutes, High Schools, Continuation Schools, Vocational Schools, Senior Auxiliary Schools, Normal Schools and Normal-Model Schools*
4. *Report of the Committee of Enquiry into the Cost of Education in the Province of Ontario (1938)*
5. *Report on the operation of The Trade Schools Regulations Act (1939)*
6. *Sixth Report of the Actuary on the Condition of the Teachers' and Inspectors' Superannuation Fund (1939)*

Acts*

1. *The Department of Education Act (1940)*
2. *The Public Schools Act (1939)*
3. *The Separate Schools Act (1940)*
4. *The High Schools Act (1938)*
5. *The Continuation Schools Act (1938)*
6. *The Vocational Education Act (1940)*
7. *The School Attendance Act (1938) and The Adolescent School Attendance Act (1938)*
8. *The Boards of Education Act (1938)*
9. *The School Sites Act (1934)*
10. *The Auxiliary Classes Act (1936)*
11. *The Public Libraries Act (1939)*
12. *The University Act (1928)*
13. *The School Law Amendment Acts (1936 to 1940)*
14. *The Community Halls Act (1927)*
15. *The Teachers' and Inspectors' Superannuation Act (1940)*

*Price 25c each.

Regulations

1. *General Regulations, Public and Separate Schools (1940)*
2. *Regulations of the High Schools and Collegiate Institutes (1939)*
3. *Regulations of the Continuation Schools (1941)*
4. *Recommendations and Regulations for the Establishment, Organization, and Management of Vocational Schools, and Vocational Departments in Continuation Schools, High Schools and Collegiate Institutes (1940)*
5. *Regulations, Examinations, and Courses of Study of the Normal Schools (Cir. 23) (1940)*
6. *Special Regulations and Courses of Study of the University of Ottawa Normal School (Cir. 23-B) (1940)*
7. *Extracts from the Statutes for Use in the Normal Schools (1939)*
8. *Regulations for the Administration of the Consolidated Schools (Cir. 40)(1935)*
9. *Regulations for Auxiliary Classes (Cir. A.C. 6) (1939)*
10. *Regulations respecting the Application of the School Attendance Act and the Adolescent School Attendance Act (Cir. A.A. 1) (1932)*
11. *Regulations respecting Medical and Dental Inspection of Public and Separate Schools (Cir. 56-D) (1940)*
12. *Instructions to School Inspectors re the Apportionment of the Legislative Grant among the Public and Separate Schools (Instr. 12) (1940)*
13. *Regulations respecting Special Departmental Grants to Public and Separate Schools (Cir. 56) (1940)*
14. *Regulations respecting Special Departmental Grants in Agriculture for Public and Separate Schools (Cir. 56-E) (1939)*
15. *Regulations for Inspectors' Certificates (Cir. 37) (1940)*
16. *Instructions to Presiding Officers and Candidates regarding the Annual Departmental Examinations (Instr. 5)*
17. *Regulations of The High School Entrance Examination (Cir. 48)*

Regulations—*Continued*

18. *General Regulations for Teachers' Institutes (Cir. 60) (1930)*
19. *Regulations respecting Permanent Certificates (Kindergarten-Primary, Second Class, First Class) (Cir. 72) (1940)*
20. *Recommendations and Regulations for the Establishment, Organization and Management of Home Economics and General Shop Work Courses in Secondary Schools and in Grades IX and X of the Public and Separate Schools*
21. *Recommendations and Regulations for the Establishment, Organization, and Management of Manual Training Courses in Public and Separate Schools (1939)*
22. *Recommendations and Regulations for the Establishment, Organization, and Management of Home Economics Courses in Public and Separate Schools (1939)*
23. *Recommendations and Regulations for the Establishment, Organization, and Management of Home Economics and Manual Training General Shop Courses in Secondary Schools and in Grades IX and X of the Public and Separate Schools (1939)*
24. *Regulations for Grades IX, X, XI, XII, and XIII in Collegiate Institutes, High, Vocational and Continuation Schools and for Grades IX and X in Public and Separate Schools (re Subjects of Study, Special Grants, Qualifications of Teachers) (1939)*

Courses of Study

1. *Programme of Studies for Grades I to VI of the Public and Separate Schools (1940)*
2. *Programme of Studies for Grades VII and VIII of the Public and Separate Schools (1940)*
3. *Courses of Study for Grades IX and X (Lower School and Fifth Classes) in Collegiate Institutes, High, Vocational, and Continuation Schools, and Public and Separate Schools (1938)*
4. *Courses of Study, Middle and Upper Schools, and Examinations of the High Schools, Collegiate Institutes and Continuation Schools (1938)*
5. *Suggested Courses of Study for Commercial High Schools and Departments established under the Vocational Education Act (1932)*
6. *Courses of Study and Examinations in Schools Attended by French-Speaking Pupils (Cir. 46) (1940)*
7. *Music in Rural Schools (1940)*
8. *An Introductory Course in Music Appreciation through Listening, for Elementary Schools (1938)*
9. *Operettas, Music Plays, Cantatas (1938)*

Text Books

1. *Text Books Authorized and Recommended, and Text Book Regulations for Public, Separate, Continuation and High Schools and Collegiate Institutes (Cir. 14) (1940)*
2. *Text Books Authorized and Approved for Vocational Schools (Cir. 52) (1940)*
3. *Supplementary Reading for Departmental Examinations (Cir. 58) (1940)*
4. *Suggested Books for Supplementary Reading in English Literature, Grades IX and X (1939)*
5. *Teachers' Manuals, etc. (1937)*
6. *Upper School Requirements in Modern Languages (Cir. 69) (1936)*
7. *A Graded List of French Supplementary Reading Books (Prepared for Schools which are Attended by French-Speaking Pupils, and in which French is a Subject of Instruction with the Approval of the Minister)*

Miscellaneous

1. *General Announcement of Summer Courses*
2. *School Year and Holidays (Form 94)*
3. *Selected Scripture Readings*
4. *Teachers' Library for Public and Separate School Teachers (1938)*
5. *Health Handbook for Teachers in Public and Separate Schools (1938)*
6. *Canadian Intelligence Examination.*

UNIVERSITY OF TORONTO
REPORT
OF THE
BOARD OF GOVERNORS
FOR THE
YEAR ENDED 30th JUNE
1940

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 12, 1941

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1941

UNIVERSITY OF TORONTO

REPORT

OF THE

BOARD OF GOVERNORS

FOR THE YEAR ENDING 30th JUNE, 1940

To His Honour the Lieutenant-Governor-in-Council:—

The Governors of the University of Toronto have the honour to present their thirty-fourth annual report, together with a comprehensive review by the President of the academic work of the University and its Colleges for the Session 1939-40, and the reports of various officers and departments... A résumé of the numerous developments which have taken place within the University during the past year and its contribution to public service are contained in these reports.

There are also presented statements covering the funds and assets, including investments, etc., as they stood at the close of business on 30th June, 1940, together with detailed statements of receipts and expenditures of the Board for the fiscal year which ended on that date, and the certificate of audit of the same by Mr. G. T. Clarkson of the firm of Clarkson, Gordon, Dilworth and Nash.

The transactions of the year upon the Revenue and Capital accounts have been duly audited and found correct, as stated in the Auditor's Report; this report also stating that the securities representing the investments, which are held for safe-keeping by the Canadian Bank of Commerce, were produced for the auditor's examination twice during the year and found to be in agreement with the Bursar's records; and that this officer's records are well kept and all endowment and trust funds properly accounted for.

There was credited to revenue the special Legislative Grant of $1,000,000, which together with the general revenue for the year of $1,838,934 made a gross total of

$2,838,934. From this sum, however, there was deducted $73,148., representing interest written to certain scholarship and trust funds and including interest on bank accommodation, which left available for expenditure for salaries and maintenance the sum of $2,765,786.

Expenditures under the appropriations made by the Board for these purposes. (exclusive of the Ontario College of Education which is maintained by a separate vote) the estimates for which were approved by the Minsiter of Education, totalled $2,904,592., resulting in expenditures exceeding receipts by $138,806, which, together with the accumulated debit balance of $337,914 brought forward from previous years, made a total deficit of $476,720 to 30th June, 1940.

During the year every effort was made to reduce expenditures, resulting in a substantial saving in the original Estimates.

All of which is respectfully submitted.

D. BRUCE MACDONALD,
Chairman.

Toronto, 28th November, 1940.

AUDITOR'S CERTIFICATE

Toronto, November 7, 1940.

To the Governors of the University of Toronto:

Gentlemen:

I have verified the attached Balance Sheet of the University dated 30th June, 1940, and Schedules 1 to 10, and report that all the transactions of the year upon the Revenue and Capital Accounts have been duly audited and in my opinion are correctly stated in the accounts.

The securities representing your investments are held in safe-keeping by your bankers, The Canadian Bank of Commerce, and were produced for my examination on 30th June, 1940, and also at another time during the year and found to be in agreement with the records kept by the Bursar. Your securities consist largely of bonds issued or guaranteed by the Dominion of Canada and by the Province of Ontario and bonds of Ontario municipalities. There are also certain corporation and other securities received as bequests. Their approximate market value as at 30th June, 1940, was greater than their book value by $463,090.28.

Under refinancing plans, securities of four municipalities which were reported as being in default at 30th June, 1939, were exchanged during the past year for new securities issued by the said municipalities to replace the securities formerly held. No income was received from certain non-trustee securities which have come to you in bequests.

The Bursar's records are well kept and all Endowment and Trust Funds properly accounted for.

Yours faithfully,

G. T. CLARKSON,
Auditor.

FINANCIAL STATEMENT

Balance Sheet, 30th June, 1940

Funds and Liabilities

General Endowment	Schedule 1	$13,658,307.81	
Specific Endowments (Scholarships, Prizes, etc.)	" 2	559,789.65	
Trust Funds	" 3	7,550,660.37	
Pension and Retirement Funds	" 4	1,405,808.21	
Annuity Debentures	" 5	975,578.88	
Contingent Funds, Ontario College of Education Surplus, etc.	" 6	209,865.38	
Fees paid in advance		550.00	
Royal College of Dental Surgeons		50,000.00	
			$24,410,560.30

Assets

Site Lands, Buildings and Contents	Schedule 7		$12,416,523.48	
Unproductive Lands	" 8		58,622.40	
Leased Properties	" 9		653,453.21	
Investments, Cash and Accounts Receivable	" 10		10,150,315.46	
Royal Ontario Museum Investment			248,376.30	
Ontario Government Annuities (16 George V, Cap. 69)			58,364.70	
Ontario Government Annuities (18 George V, Cap. 55)			337,106.24	
Superintendent's Stores	Appendix IV		11,077.55	
Revenue Account:				
Balance at debit 30th June, 1939		$337,914.51		
Deficit for 1939-40 as per Schedule 6a		138,806.45		
			476,720.96	
				$24,410,560.30

NOTE: This statement does not include any assets or liabilities of The Toronto Conservatory of Music.

SCHEDULE 1.

General Endowment

Additions for 1939-40:			
Annuity Debentures:			
Portion of 1939-40 instalments reducing principal:			
Thirty-first instalment, issue of July, 1909	$ 17,064.77		
Twenty-ninth instalment, issue of January, 1911	4,105.00		
Twenty-ninth instalment ,issue of January, 1911	9,473.00		
Twenty-fifth instalment, issue of April, 1915	2,954.45		
Sixteenth instalment, issue of July, 1924	7,835.30		
Eleventh instalment, issue of January, 1929	39,407.85		
		$ 80,840.37	
Convocation Hall Advance:			
Restoration from proceeds of Wild Lands Sales, thirty-third instalment		11.00	
No. 78 Queen's Park, land formerly leased to the late Sir Joseph Flavelle:			
Building	161,775.00		
Land—Area 134,000. sq. ft. @ 40c per sq. ft.	53,600.00		
		$215,375.00	
Drill Hall, No. 119 St. George St. (Military Studies Bldg.)			
Cost of construction		16,975.16	
Library proper:			
Additions for year less depreciation (Schedule 7)		19,724.15	
			332,925.68
CONTRA			
Reduction in valuation formerly attached to No. 78 Queen's Park, hitherto carried in Leased Properties (Schedule 9)		67,000.00	
Pension Fund (Employees):			
Increase in accrued liability as reported by the Actuary upon second quinquennial re-valuation in 1939		2,300.00	
			69,300.00
			263,625.68
Return of 30th June, 1939			13,394,682.13
Return to 30th June, 1940			13,658,307.81

SCHEDULE 2

Specific Endowments

(Scholarships, Prizes, etc.)

A.A.A.S. Scholarship (Physics, etc.)	$ 2,350.00
Aggett, Harvey, Memorial (App. Sc.)	1,641.17
Aikins (English Literature)	5,318.57
Alexander Lectureship (English Literature)	15,524.40
All Souls' Historical Essay Prize	3,275.97
Allen-McKellar Memorial (French)	1,045.09

Armstrong, George H., (History)	2,356.69
Association of Professional Engineers of Ontario	100.00
B.A.A.S., (Medals, etc.)	20.87
Bain, H. R., (Matriculation, App. Sc.)	200.00
Balfour Lectureship (Surgery)	4,672.16
Balmer, Jean (Science)	1,223.52
Bankers' (Political Science)	1,296.82
Baptie, Margaret W., (Medicine and Science)	4,047.47
Bastedo, Alma Anderson, Memorial Prize (English)	588.65
Bickle Bursary, T. H.	1,003.67
Blake (Matriculation)	31,249.22
Blake (Science and Moderns)	3,750.00
Boiler Inspection and Insurance Co., (Applied Science)	150.00
Booth (University Schools)	1,000.51
Boxer, Reg. N., U.T.S. Junior School	1,000.00
Boxer, Reg. N., U.T.S. Senior School	1,000.00
Brickner, Rabbi (Social Science)	1,034.11
Brock, Margaret A., (Matriculation, English and History)	1,033.44
Brown, George, Memorial (Medical Science)	10,480.13
Brown, George, (Modern Languages)	1,128.34
Bruce, Robert (Arts and Medicine)	1,314.32
Chappell, Walter F., Prize, (Medicine or Surgery)	501.77
Cockburn, G. R. R., (Greek)	1,050.00
Cody, Florence (Matriculation)	2,540.24
Cody, Henry John (Matriculation)	2,667.83
Cody, Maurice, Memorial (Modern History)	3,366.90
Cody, Maurice, Memorial Prize	1,321.42
Cody, Maurice, Memorial (University Schools)	262.66
Cohen, Arthur (English Language and Literature)	3,153.45
Coleman Medal (Geology)	500.00
Copp, John, Memorial Fund (Medicine)	5,361.10
Crawford, Allan Rudyard (University Schools)	525.00
Crawford, Henry Job (University Schools)	1,049.61
Darling & Pearson Prize (Architecture)	100.00
Davis, Gertrud, Exchange Fellowship	500.00
Delta Phi Epsilon Bursary	100.00
DeLury, Alfred T., (Mathematics)	3,547.43
Dickenson, Marion E., (Household Science)	6,435.34
Dunlap, David, Memorial (Psychology)	1,025.00
Falconer, Sir Robt., Lectureship	16,624.49
Faulkner Medal (Psychiatry)	.06
Findlay, J. A. (Mechanical Engineering)	2,500.12
Fletcher-Johnson Memorial Prize (Latin)	10.00
Fox, Harold G., Prizes (Law)	200.00
Fulton, Alexander T., (Mathematics & Sc.)	3,351.30
Gibson (Matriculation)	4,075.74
Gibson (Pass Matriculation)	5,445.13
Gibson, Maude Charlton, U.C.	1,602.78
Glen Mawr Old Girls' Association (English and History)	2,303.14
Goldsmith, Perry (Oto-Laryngology)	3,187.09
Grasett Memorial (Classics)	5,702.82
Hardie, William (Matriculation)	2,300.00
Harris, James (Matriculation), (University College)	26,295.82
Hastings (Public Health and Nursing)	11,302.33
Henderson, Joseph, Memorial (Matriculation)	2,225.88
Henry, William John (Obstetrics)	3,008.18
Hollywood Theatre Prizes (French)	50.00
Hutton, Maurice (Classics)	5,869.37
International Mathematical Congress, 1924 (Medals)	3,134.02
Irwin, Herbert W., Memorial (Modern Languages)	1,028.37
Isserman, Rabbi, Prize (Social Science)	868.74
Jenkins (Engineering)	500.00
Kennedy, George (Philosophy)	4.71
Kennedy, Sarah (Household Economics)	4.71
Khaki University Memorial	3,629.02
Labour Research Institute (Law)	25.00
Laird, Annie Louisa, (Household Economics)	2,049.25
Laurier, Sir Wilfrid, Memorial (French)	2,222.61
Lawler, Gertrude, Memorial (English and History)	3,267.02

Lawler, Gertrude, Prize (English)	303.97	
Leonard, Reuben Wells, Fellowship and Scholarships (University College)	650.00	
Lilly, Eli (Medicine)	404.44	
Lister Prize (Surgery)	5,336.58	
Locke, Geo. H. Memorial	3,002.92	
Lyle Medal (Orientals)	681.89	
McCaul Medal (Classics)	552.67	
McCharles, Aeneas, Prize	23,045.62	
McCrae, John (Matriculation)	11,112.68	
McCrea, Dent (Law)	100.00	
Macdonald, John (Philosophy)	2,530.00	
Mackenzie, Alexander, Memorial (Political Science)	16,425.00	
Mackenzie, J. J., Fellowship (Pathology)	5,684.93	
McLean, J. S., (Matriculation, University College)	8,350.00	
MacLennan-MacLeod Memorial Prize (Applied Science)	512.50	
MacMurchy, Angus, Medal (Law)	1,072.14	
McPhedran, Alexander, Research Fellowship (Medicine)	30,688.07	
Marfleet, Pearson Kirkman, Lectureship	8,686.02	
Mickle, Charles, Fellowship	28,890.78	
Mickle, Ellen, Fellowship	28,953.95	
Moss, (Classics)	2,000.00	
Mulock, Mary (Classics)	2,838.74	
Mulock, William (Classics and Mathematics)	2,000.00	
Mustard, (Classics)	3,305.76	
Neelands, Florence M., Prize (French)	521.25	
Nesbitt, Wallace, Medals (University Schools)	604.60	
Nipissing Research Fellowship (Mining)	21,489.19	
Ontario Hockey Association War Memorial (Matriculation)	2,025.00	
Pakenham Memorial Prize	1,013.30	
Pan-Hellenic Association Prizes (University College)	150.00	
Parsons, S. R., (Commerce and Finance)	250.00	
Peters, George A., (Surgery)	3,798.15	
Porter, T. M., (University Schools)	6,017.08	
Porter, T. M., (Corrigan Gift) (University Schools)	1,000.00	
Prince of Wales (Matriculation)	1,000.00	
Public Speaking Association Bursary	50.00	
Putnam, Wm. Lowell Prize (Mathematics)	1,054.81	
Quebec Bonne Entente Prize (French)	1,000.00	
Ramsay, William (Physics)	1,150.15	
Ramsay, William (Political Economy)	1,418.55	
Ransom, A. C., (Applied Science)	5,149.83	
Reeve, Anna Howe, Prize (Household Science)	680.73	
Reeve, R. A., Prize (Medicine)	50.00	
Richardson, James H., Research Fellowship (Anatomy)	10,000.00	
Rossin, Julius (Modern Languages)	1,000.00	
Rowell, Langford (Law)	1,062.06	
Rowell, Langford (University Schools)	2,000.00	
Saddington, Ronald S., Medal (Pathology)	5.28	
Sadowski (Sociology & Social Science)	500.00	
School of Nursing Undergraduate Bursary	627.69	
St. Margaret's College Alumnae (Social Science)	75.00	
St. Margaret's College Alumnae Prize (Public Speaking)	619.78	
Seccombe, Wallace, Memorial Scholarship (Dentistry)	2,033.76	
Squair French Prose Prize	320.16	
Starr Bequest (Medals)	7,927.52	
Strang, Hugh Innis, Memorial (Classics)	3,060.76	
Switzer, W. George, Memorial Award (Dentistry)	53.90	
Tracy (Philosophy)	938.78	
Ubukata (Japanese students)	11,609.80	
Vander Smissen (German)	2,645.92	
Webster, Albert E., Memorial Schp. Fund	2,104.60	
Wickett, Emerson, Memorial (App. Sc.)	750.00	
Wickett, Morley (Matriculation, English and History)	2,217.61	
Willson, Herbert (Biology & Medicine)	100.00	
Wilson, Daniel (Natural Science)	2,000.00	
Wright, Ramsay, (Zoology)	17,960.63	
Wrong, George M., (Modern History)	3,794.84	
Young, Memorial (Philosophy)	6,229.69	
Ledger Balances on 30th June, 1940		$559,789.65

Return of 30th June, 1939	$548,937.73		
Additions to funds during year (including income from investments)	48,526.90		
Interest credited to endowments	6,108.44		
		$603,573.07	
Expended for scholarships, prizes, etc.		43,783.42	
Return of 30th June, 1940			$559,789.65

SCHEDULE 3

Trust Funds

American Philosophical Society Grant (Solandt)	$12.56
Aviation Medical Research—Hall	2,305.66
Banting Research Foundation	713,215.22
Banting Research Foundation (Reserve)	20,376.62
Canada Packers Donation Heparin Research	124.10
Canadian Red Cross Society Grant (Concentrated Serum)	1,373.12
Carnegie Corporation Grant—Anthropology (U. of T.-Yale Conference)	1,681.82
Carnegie Corporation, Educational Research	3,650.58
Carnegie Corporation, Fine Art Professorship	500.00
Carnegie Corporation, Institute of Child Study	5,500.00
Carnegie Corporation, Library, University College	71.72
Carnegie Corporation, Physiology Research	2.36
Carson, Minnie, Bequest	2,771.65
Connaught Laboratories Research	200,000.00
Connaught Laboratories Special Fund	60,000.00
Crocker, James W., Memorial Loan Fund	125.31
Dental Research	665.44
Dominion Government Grant—Aerial Navigation	5,000.00
Dominion Government Grant—Aviation Research Psychology Dr.	12.82
Dominion Government Grant—Bacteriology-Greey	92.06
Dominion Government Grant—Chemistry	231.54
Dunlap Bequest (Medical Research)	110,058.53
Eaton Endowment (Medicine)	31,395.45
Engineering Society Donation	189.28
Fairclough, William Erving, Memorial	24,112.66
Fasken, David, Trust	5,453.35
Flavelle, Sir Joseph (Fellowship)	750.00
Fulford Estate Donation	3,375.57
Geophysics Research Fund	2,333.23
Gilchrist, Archibald—Botany	303.30
Honor, John, Bequest (Arts)	11,766.03
Horton, John Hughes, Bequest (not allocated)	849.58
Hoskin, John, Bequest (Residences)	14,915.91
Insulin Committee, Surplus	1,038,163.51
Laidlaw, Ann, (Classical Archaeology)	100.00
Langton, John, Memorial	30.00
Leonard, Reuben Wells, Bequest	164,109.08
Library Funds:	
Abbott Dental	44.25
Graduates' Deposits	4,577.81
King Alfred Millenary	10,204.91
Phillips Stewart	1,582.02
John Squair, (French) No. 1	1,000.00
John Squair, (French) No. 2	1,012.13
Massey Foundation	293,177.30
Massey-Treble Bequest, Household Science	31,252.75
Medical Research, Banting	211,763.34
Medical Research, Best	132,019.79
Mendel, Bruno, Fund	3,434.39
Mount Sinai Masonic Lodge, Silver Jubilee Loan Fund	1,397.00
Mulock, Sir William, U. C. Men's Residence Fund	13,405.75
McLennan, Sir John, Bequest (Scientific Research)	3,595.32
National Foundation for Infantile Paralysis Inc. of the United States	2,500.00
Ontario Archaeology—Special Research	770.98

Parke Davis Donation—Greey Research	525.00	
Porter, T. M. Bequest	13,094.74	
Reeve, R. A. Bequests (not allocated)	16,797.37	
Rockefeller (Child Research)	4.81	
Rockefeller (Hygiene Endowment)	861,946.14	
Rockefeller (Hygiene)	8,750.30	
Rockefeller (Hygiene—Special Account)	333.34	
Rockefeller (Medical Endowment)	1,043,912.50	
Rockefeller (Psychiatry Research)	8,255.96	
Rockefeller (School of Nursing Endowment)	250,000.00	
Rockefeller (School of Nursing)	9.82	
Rutherford, Dr. James P., (Medical Research)	6,194.26	
Seldon, Lauretta M., Bequest	56.87	
Simpson, Mary A., Bequest	107.47	
Smith, Geo. R. Fund (O.C.E.)	250.00	
Social Science Fund	830.69	
Standard Brands Research (Chemistry)	6.54	
Stewart, John A., (Pernicious Anaemia)	2,663.05	
University College Men's Residence Fund	5,041.88	
Walker, E. C. Bequest (Residences)	67,612.01	
Walker, J. Harrington, Bequest (Residences)	36,952.70	
Wallberg, E. A., Memorial	1,886,048.40	
Wallberg, E. A., Memorial (Applied Science Survey)	1,594.41	
Wallberg, E. A., Memorial (Loan Fund)	8,636.00	
Whitney, E. C., Bequest	183,514.41	
Wintercorbyn, Mrs. E. A., Bequest	10,191.56	
Ledger Balances on 30th June, 1940		$7,550,660.37
Return of 30th June, 1939	$7,008,436.70	
Additions to funds during year (including income from investments)	1,120,824.78	
Interest credited to endowments	63,892.88	
	8,193,154.36	
Expenditures and transfers from funds	642,493.99	
Return of 30th June, 1940		$7,550,660.37

SCHEDULE 4

Pension and Retirement Funds.

1. Pension Fund (Academic) (Commenced 1 July, 1929):		
At credit of account on 30th June, 1939	$497,121.76	
Contributions during year	43,757.50	
Interest credited	21,752.44	
	562,631.70	
Withdrawals	26,013.29	
		$536,618.41
2. Pension Fund (Employees) (Commenced 1 October, 1929):		
At credit of account on 30th June, 1939	$654,064.14	
Contributions during year	73,659.20	
Interest credited	26,357.98	
	754,081.32	
Withdrawals	17,891.52	
		$736,189.80
3. Estimated accrued liability as per Actuary's report of 19th October, 1939		$133,000.00
Return of 30th June, 1940		$1,405,808.21

SCHEDULE 5.

Annuity Debentures.

Issue of July, 1909, $500,000., repayable in forty equal annual amounts of $25,260 each,	
Value as on 30th June, 1940, of the nine outstanding instalments	$187,816.06
Issue of January, 1911, under 1 George V, Cap. 80, for contruction of Pathological building, $130,000., repayable in forty equal annual amounts of $6,568 each,	
Value as on 30th June, 1940, of the eleven outstanding instalments	57,536.00
Accrued on 30th June, 1940, of thirtieth payment and charged to Revenue, 1939-40	3,284.00
Issue of January, 1911, under 1 George V, Cap. 80, as a grant towards construction of Toronto General Hospital, $300,000., repayable in forty equal annual amounts of $15,157 each,	
Value as on 30th June, 1940, of the eleven outstanding instalments	132,774.00
Accrued on 30th June, 1940, of thirtieth payment and charged to Revenue, 1939-40	7,578.50
Issue of April, 1915, under R.S.O., 1914, Cap. 279, to provide for the payment of $100,000 to the Hart A. Massey Estate towards the Gymnasium portion of Hart House, $110,000., repayable in forty equal annual amounts of $5,975 each,	
Value as on 30th June, 1940, of the fifteen outstanding instalments	64,169.01
Accrued on 30th June, 1940, of twenty-sixth payment and charged to Revenue, 1939-40	1,244.80
Issue of July, 1924, under R.S.O., 1914, Cap. 279, for construction of Forestry building, $124,622., repayable in twenty equal annual amounts of $10,000 each,	
Value as on 30th June, 1940, of the four outstanding instalments	35,459.50
Issue of January, 1929, under R.S.O., 1927, Cap. 337, for construction of a new building for Pathology and allied departments (Banting Institute) $800,000., repayable in twenty equal annual amounts of $64,193 each,	
Value as on 30th June, 1940, of the nine outstanding instalments	456,295.21
Accrued on 30th June, 1940, of twelfth payment and charged to Revenue, 1939-40	29,421.80
	$975,578.88

SCHEDULE 6.

Contingent Funds, etc.

Contingent Fund (Investment Reserve):			
Balance brought forward from 1939			$172,161.84
Organ Fund:			
Balance on 30th June, 1939		$3,110.40	
Expenditure on upkeep of organ, less receipts		316.15	
			2,794.25
University Press:			
At credit of accounts as per Appendix III			24,809.44
Ontario College of Education:			
At credit of account (Appendix V)			48,763.99
Legislative Grant for Administration Building:			
Balance brought forward from 1939			283.15
David Dunlap Observatory (Construction Account):			
Balance brought forward from 1939			237.35
			$249,050.02
Sundry ledger balances, items in suspense, etc:			
Residence, Laboratory and Key deposits		$3,282.13	
Cost Per Student Survey		1,813.76	
Portrait Donation Fund		875.00	
Fire Loss Account		133.01	
		$6,103.90	
Less:			
Fire Insurance Premiums paid in advance	$45,140.27		
Workmen's Compensation Board deposit	148.27		
		$45,288.54	
			$39,184.64
			$209,865.38

SCHEDULE 6a

Revenue, 1939-40

Receipts

		Estimate	Actual
Legislative Grant, University Act, 1906		$500,000.00	$500,000.00
Legislative Grant, 60 Vict., Cap. 59		7,000.00	7,000.00
Legislative Grant, 13-14 George V.		10,000.00	10,000.00
Fees, University and College, as detailed in Appendix I		925,000.00	967,141.64
Infirmary Receipts, Dentistry		25,000.00	30,487.50
Interest:			
On Dominion and Provincial Government Bonds			113,501.14
On Ontario Government Annuities			21,957.59
On Debentures			3,778.32
On Loans			1,566.95
		160,000.00	
Rentals:			
University Park ground leases			8,055.50
City of Toronto payment			6,000.00
Business properties			12,510.12
Sundry houses and land earnings			4,636.00
Men's Residences:			
(General, $14,710.20; University College, $3,729.65)		17,000.00	18,439.85
Women's Residences:			
(Whitney Hall, $48,908.60; St. George Street Group, $15,072.10)			63,980.70
		68,000.00	
University College Women's Union:			
(Membership fees, $2,182.50; rooms and meals, $5,440.75)			7,623.25
Central Power Plant:			
Wycliffe, Victoria and Knox Colleges	$29,527.53		
Royal Ontario Museum	13,567.60		
Sundry accounts	13,196.98		
		$50,000.00	$56,292.11
Photographic Service and Casual Revenue		5,000.00	5,963.61
		$1,767,000.00	$1,838,934.28
Special Legislative Grant		$1,000,000.00	$1,000,000.00
Supplementary Grant		284,455.00	....
		$3,051,455.00	$2,838,934.28

Expenditures

Under appropriations as per Appendix II	$2,986,455.00	$2,904,592.28
Interest written to Scholarship and other funds and bank overdraft	65,000.00	73,148.45
	$3,051,455.00	$2,977,740.73
Receipts as above		$2,838,934.28
Excess of expenditures over receipts carried to Balance Sheet		$ 138,806.45

SCHEDULE 7.

Site Lands, Buildings and Contents.

Site Lands:		
2,557,843 sq. feet @ forty cents per foot	$1,023,137.20	
332,549 sq. feet @ cost price	447,344.23	
18,000 sq. feet @ estimate	40,000.00	
2,908,392 sq. feet		$1,510,481.43
Buildings:		
Anatomical building	$482,388.37	
Baldwin House	12,000.00	
Banting Insititute	813,129.93	
Biological building	129,745.30	
Botanical building	516,998.35	
Chemical building	77,469.88	
Convocational hall	214,866.22	

Dental building	350,000.00	
Economics building	76,350.00	
Electrical building	346,699.89	
Engineering building	50,000.00	
Forestry building	122,359.86	
Geodetic Observatory building	12,000.27	
Hart House (not appraised)	....	
Household Science building	455,000.00	
Hygiene and Public Health building	852,682.40	
Library building	327,425.50	
McLennan Laboratory	363,945.85	
Mechanical building	119,017.21	
Medical building	200,000.00	
Men's Residences	217,670.04	
Military Studies building	46,975.16	
Mining building	384,736.89	
Mill building	229,972.52	
Ontario College of Education	703,390.67	
Press building	1.00	
Psychology buildings	22,333.26	
Simcoe Hall	399,055.10	
University College building	450,000.00	
University College Women's Union	70,059.19	
Women's Residences:		
Whitney Hall	487,988.37	
Hutton House	24,723.77	
No. 184 College Street	8,239.47	
No. 78 Queen's Park	161,775.00	
No. 86 Queen's Park	38,767.62	
St. George Street properties:		
Numbers 43	30,054.25	
45	39,079.67	
47	10,172.95	
49	25,007.51	
96	22,692.60	
98	16,708.84	
100	17,776.93	
104	22,498.27	
106	10,034.15	
	$8,961,792.26	
Less balance of purchase money yet to be paid on No. 104 St. George Street	7,450.00	
		$8,954,342.26
Library		$726,423.69
Organ		24,000.00
Sundry Departmental Equipment		375,153.99
Furniture and Furnishings, various buildings		43,167.37
Arena		223,070.40
Athletic Field Stadium and equipment		11,817.88
Aura Lee Grounds and equipment (Ontario College of Education)		17,276.27
Gymnasium equipment		7,620.19
Surveying Practice Camp, Lutterworth Township, (land, $1,215., buildings, etc., $10,000)		11,215.00
David Dunlap Observatory (land, $41,750., buildings, $163,700., telescope, dome, etc., $225,000)		430,450.00
Connaught Laboratories (Farm, buildings and equipment		81,500.00
Connaught Laboratories (Hygiene building plant		1.00
Central Power Plant		1.00
Printing Plant		1.00
General Museum Specimens		1.00
Dining Hall equipment		1.00
Total valuation		$12,416,523.48

Return of 30th June, 1939			$12,164,324.97	
Additions thereto as per Schelude I:				
No. 78 Queen's Park, land formerly leased to the late Sir Joseph Flavelle:				
Building	$161,775.00			
Land	53,600.00			
		$215,375.00		
Drill Hall, No. 119 St. George St. (Military Studies Building):				
Cost of Construction		16,975.16		
No. 104 St. George St.:				
Payment made on mortgage		300.00		
Library proper:				
Value of additions for 1939-40 reported by the Librarian	$42,190.86			
Less depreciation @ 3% on $748,890.40	22,466.71			
		19,724.15		
			252,374.31	
				$12,416,699.28

Contra.

Women's Residences Furniture written down by application of credit from Sale of Wild Lands set apart for Women's Residences	175.80
Return of 30th June, 1940	$12,416,523.48

SCHEDULE 8

Unproductive Lands.

U. C. C. block on King Street	$50,425.40	
Vacant land in Port Hope	8,045.00	
Endowment lands unsold in various townships	152.00	
(No transactions during year)		
Return of 30th June, 1940		$58,622.40

SCHEDULE 9

Leased Properties.

Land leased to City of Toronto		$120,,000.00	
Park Lots leased (including Federated Colleges Sites)		335,992.20	
Toronto business properties		183,000.00	
Spadina Avenue houses (Nos. 719-721)		8,023.51	
Caradoc Farm		600.00	
			$647,615.71
Rentals and City of Toronto payment accrued		$5,620.00	
Rentals past due	$230.00		
Rentals in advance	12.50		
		217.50	
			5,837.50
			$653,453.21

Return of 30th June, 1939		$720,565.71	
Reduction in Park Lots; 78 Queen's Park, land formerly leased to the late Sir Joseph Flavelle, now carried in Site Lands	$67,000.00		
Decrease in rentals past due and accrued	112.50		
		67,112.50	
Return of 30th June, 1940			$653,453.21

SCHEDULE 10

Investments, Cash and Accounts Receivable.

Dominion of Canada Bonds and guaranteed issues	$3,854,920.97	
Interest accrued	8,909.43	
Interest outstanding on purchases	497.58	
		$3,864,327.98
Province of Ontario Bonds and guaranteed issues	$3,522,372.93	
Interest accrued	18,555.20	
Interest outstanding on purchases	434.30	
		3,541,362.43
Other Government Bonds	$483,819.26	
Interest accrued	1,062.10	
		$484,881.36
Municipal debentures	$541,145.37	
Interest accrued	1,692.08	
		$542,837.45
University of Toronto debentures (guaranteed)		456,295.21
Toronto Conservatory of Music debentures		198,669.75
Corporation debentures		35,386.00
Sundry stocks		108,539.62
Mortgage		2,200.00
Investments in trust for Banting Research Foundation	$732,008.10	
Interest outstanding on purchases	285.46	
		$732,293.56
Loan to Athletic Association		30,000.00
Accounts Receivable:		
Photographic Service	$32.31	
Labour and material	6,794.20	
Central Power Plant	7,318.19	
	14,144.70	
Less Royal Ontario Museum balances at credit	3,580.77	
		$10,563.93
Canadian Bank of Commerce, on deposit		$142,958.17
		$10,150,315.46

Transactions 1939-40

Inwards

Dominion, Provincial and other Government Bonds	$297,567.13	
Municipal Debentures	40,059.39	
University of Toronto debentures	39,407.85	
Toronto Conservatory of Music debentures	1,928.84	
Athletic Association	10,000.00	
Banting Research Foundation Investments	4,711.55	
Withdrawals from Canadian Bank of Commerce	5,296,737.06	
Decrease in accounts outstanding	254,222.19	
Decrease in accrued revenue	63.84	
		$5,944,697.85

Outwards

Dominion and Provincial Government Bonds	$961,233.09	
Municipal debentures	599.48	
Toronto Conservatory of Music debentures	318.70	
Banting Research Foundation Investments	23,364.35	
Deposits in Canadian Bank of Commerce	5,513,887.33	
		$6,499,402.95
		$554,705.10
Return of 30th June, 1939		$9,595,610.36
Return of 30th June, 1940		$10,150,315.46

APPENDIX I.

Fees, 1939-40

Balance brought forward, 1938-39			$821.00
Total of fees collected, 1939-40			1,199,532.85
			$1,200,353.85
Distribution thereof:			
Sundry refunds during year			$4,691.50
Share of fees paid to the following:			
Hart House			44,479.25
Students' Administrative Council			16,563.00
Athletic Fee			17,003.00
Medical Society			3,035.00
Dental Students' Parliament			1,952.00
Foresters' Club			123.00
Graduate Students' Union			424.00
University College Literary & Athletic Society			2,065.00
University College Women's Undergraduate Association			1,611.00
Medical Women's Undergraduate Association			102.00
Aerial Navigation Undergraduate Association			156.00
Occupational Therapy Undergraduate Association			61.00
Physiotherapy Undergraduate Association			59.00
Teachers' Course Association			692.00
Royal College of Dental Surgeons			2,420.00
St. Michael's College (Household Science)			90.00
Toronto Conservatory of Music			992.75
Hospitals:			
Toronto General	$9,650.00		
Toronto General (Burnside)	1,048.00		
		$10,698.00	
St. Michael's		1,640.00	
Sick Children's		1,340.00	
Toronto Western		1,040.00	
			$14,718.00
Credited to Sundry Accounts:			
Ontario College of Education			$69,827.92
University College Women's Union			2,182.50
School of Nursing			20,086.00
Institute of Child Study			4,225.55
Laboratory Deposits			25,102.74
Fees paid in advance for 1940-41			550.00
Balance to Revenue Account (Schedule 6a)			967,141.64
			$1,200,353.85

DETAILS OF FEES RECEIVED

	Arts	Commerce & Finance	Medicine	Applied Science	Dentistry	Educ. & Pedagogy	Forestry	Music	Household Science	Total
General Tuition	$166,664.39	$ 29,574.00	$203,446.90	$224,377.65	$ 62,350.00	$ 30,424.00	$ 6,380.40	$ 1,017.75	$ 8,064.00	$ 732,299.79
Graduate Courses			965.00							965.00
University Schools						32,280.22				32,280.22
Library School						4,575.00				4,575.00
Registration			30.00		110.00	495.00		1,250.00		1,885.00
Matriculation	525.00	15.00	35.00	120.00	25.00		5.00	15.00	10.00	750.00
Ad Eundem	280.00		170.00	80.00	290.00		10.00	160.00	180.00	1,170.00
Examinations	28,893.50	2,420.00	8,905.00	12,215.00	2,930.00	2,280.00	480.00	520.00	601.00	59,244.50
Degrees & Hon. Cert.	6,740.50	358.00	3,286.00	1,850.00	1,200.00	1,355.00	60.00	280.00	250.00	15,379.50
Laboratory Supplies	5,150.00	26.00							30.00	5,210.00
Library	17,361.00	1,624.00	5,327.00	6,706.00	1,701.00		287.00		343.00	33,349.00
Physical Education (Diploma)	870.00									870.00
Med. Exam. & Phy. Tr. (Men)	3,660.00	695.00	1,115.00	2,540.00	470.00		155.00			8,635.00
Med. Exam. & Phy. Tr. (Women)	990.00		28.00	16.00				4.00	28.00	1,066.00
Penalties	1,648.75	133.00	1,065.00	985.00	232.00		30.00	15.00	29.00	4,137.75
Laboratory Deposits	10,374.25		4,206.75	5,407.65	3,948.61				1,165.48	25,102.74
Women's Union	2,017.50	16.00		12.00		30.00			15.00	2,090.50
Women's Undergraduate Assn.	1,599.00	12.00	102.00							1,713.00
Hart House	14,454.25	2,604.00	8,492.50	11,340.50	2,892.00	1,768.00	492.00			42,043.25
Students' Adm. Council	7,317.00	576.00	2,035.00	2,692.00	716.00	755.00	106.00		216.00	14,413.00
Athletic Fee	7,303.00	675.00	2,270.00	2,879.00	732.00	1,131.00	123.00		138.00	15,251.00
Literary & Athletic Society	1,733.00	332.00								2,065.00
Medical Society			3,035.00							3,035.00
Dental Students' Parliament					1,952.00					1,952.00
Foresters' Club							123.00			123.00
	$277,585.14	$ 39,060.00	$244,514.15	$271,220.80	$ 79,548.61	$ 75,093.92	$ 8,251.40	$ 3,261.75	$ 11,069.48	$1,009,605.25

	Post Graduate	University Extension	Social Science	Law	Pharmacy	Veterinary Science	Agriculture	School of Nursing	Institute of Child Study	Total
Tuition	$ 28,142.00		$ 9,904.00		$ 15,000.00			$ 20,086.00	$ 4,290.55	$ 77,422.55
Summer Session:										
Tuition		$ 8,098.00								8,098.00
Specialists		350.00								350.00
Correspondence Courses		2,914.00								2,914.00
Teachers' Course		18,906.00								18,906.00
Occupational Therapy		9,836.00								9,836.00
Physiotherapy		9,587.00								9,587.00
Aerial Navigation		7,936.00								7,936.00
Certificate Courses in Business		879.00								897.00
Tutorial Courses		13,137.50								13,137.50
Short Courses:										
Firefighters		574.00								574.00
Public Administration		185.30								185.30
Social Case Work		673.00								673.00
Registration	2,485.00									2,485.00
Matriculation				50.00	405.00					455.00
Ad Eundem		50.00								50.00
Examinations	3,656.50	4,866.00	700.00	195.75	2,195.00	620.00	1,210.00	579.00		14,022.25
Degrees & Hon. Cert.	2,280.00	671.00	185.00	120.00	1,245.00	600.00	1,170.00	540.00		6,811.00
Laboratory Supplies	2.00	140.00			134.00					276.00
Library	3,333.00	2,140.00	490.00					939.00		6,902.00
Med. Exam. & Phy. Tr. (Women)	4.00				4.00					8.00
Penalties		520.00	43.00	1.00	6.00			28.00		598.00
Women's Union	68.00	12.00	12.00							92.00
Hart House					2,436.00					2,436.00
Students' Adm. Council		582.00	296.00		974.00			298.00		2,150.00
Athletic Fee		510.00	216.00		657.00			369.00		1,752.00
Graduate Students' Union	424.00									424.00
Aerial Navigation, Underg. Assocation	424.00									156.00
Occupational Therapy Ungrad. Association		61.00								61.00
Physiotherapy Undergrad. Association		59.00								59.00
Teachers' Course Assn.		692.00								692.00
	$ 40,394.50	$ 83,534.80	$ 11,846.00	$ 366.75	$ 23,056.00	$ 1,220.00	$ 2,380.00	$ 22,839.00	$ 4,290.55	$ 189,927.60

CLASSIFICATION OF SERVICES

	Gross Receipts	Refunds	Other Deductions	Net Amount
Tuition, etc:				
Arts	$ 166,664.39	$ 1,058.75		$ 165,605.64
Commerce & Finance	29,574.00			29,574.00
Medicine	204,411.90	143.00	14,718.00	189,550.90
Applied Science	224,377.65	576.00		223,801.65
Dentistry	62,350.00	119.00	2,420.00	59,811.00
Education	37,774.70	217.00	37,557.70	
Education (University Schools)	32,280.22	10.00	32,270.22	
Forestry	6,380.40			6,380.40
Music	1,017.75		992.75	25.00
Household Science	8,064.00	29.00	90.00	7,945.00
Post Graduate	28,142.00	447.00		27,695.00
University Extension	73,075.80	1,092.00		71,983.80
Social Science	9,904.00	5.00		9,899.00
Pharmacy	15,000.00			15,000.00
School of Nursing	20,086.00		20,086.00	
Institute of Child Study	4,290.55	65.00	4,225.55	
Registration	3,875.00			3,875.00
Matriculation	1,205.00	5.00		1,200.00
Ad Eundem	1,220.00			1,220.00
Examinations	70,986.75	539.00		70,447.75
Degrees & Honour Certificates	22,190.50	103.25		22,087.25
Laboratory Supplies	5,486.00	31.50		5,454.50
Library	40,251.00	61.00		40,190.00
Physical Education Diploma	870.00			870.00
Med. Exam. & Phy. Tr. (Men)	8,635.00	50.00		8,585.00
Med. Exam. & Phy. Tr. (Women)	1,074.00	4.00		1,070.00
Penalties	4,735.75	136.00		4,599.75
Women's Union	2,182.50		2,182.50	
Women's Undergraduate Assn. Univ. Coll.	1,611.00		1,611.00	
Women's Undergraduate Assn. Medicine	102.00		102.00	
Hart House	44,479.25		44,479.25	
Students' Administrative Council	16,563.00		16,563.00	
Athletic Fee	17,003.00		17,003.00	
Literary & Athletic Society	2,065.00		2,065.00	
Medical Society	3,035.00		3,035.00	
Dental Students' Parliament	1,952.00		1,952.00	
Foresters' Club	123.00		123.00	
Graduate Students' Union	424.00		424.00	
Aerial Navigation Undergrad. Assn.	156.00		156.00	
Occupational Therapy Undergrad. Assn.	61.00		61.00	
Physiotherapy Undergrad. Assn.	59.00		59.00	
Teachers' Course Assocation	692.00		692.00	
Laboratory Deposits	25,102.74		25,102.74	
	$1,199,532.85	$ 4,691.50	$ 227,970.71	$ 966,870.64

RECAPITULATION

University Fees Proper	$1,026,755.46	$ 3,632.75	$ 227,970.71	$ 795,152.00
University College Fees proper	172,777.39	1,058.75		171,718.64
Balance brought forward, 1938-39	821.00			821.00
	$1,200,353.85	$ 4,691.50	$ 227,970.71	$ 967,691.64
Less paid in advance for 1940-41				550.00

APPDENDIX II.

Revenue Expenditures 1939-40

	Appropriation	Supplementary	Unused	Total
I. Administration:				
1. Salaries	$116,175.00		$ 1,244.83	$114,930.17
2. Pensions and Retiring Allowances	106,577.00		2,195.48	104,381.52
3. President's Office	850.00		1.16	848.84
4. Bursar's Office	7,200.00		782.17	6,417.83
5. Registrar's Office	6,100.00		683.32	5,416.68
6. Superintendent's Office	4,700.00		840.44	3,859.56
7. Convocation Hall and Simcoe Hall	13,690.00		635.91	13,054.09
8. 86 Queen's Park	200.00		2.99	197.01
	$255,492.00		$ 6,386.30	$249,105.70
II. Library:				
9. Salaries	$ 58,670.00		$ 329.69	$ 58,340.31
10. Maintenance	53,200.00		789.09	52,410.91
11. Building	5,295.00		491.58	4,803.42
	$117,165.00		$ 1,610.36	$115,554.64
III. 12. Royal Ontario Museum	$ 80,000.00			$ 80,000.00
IV. Athletics, Physical Training, Military Studies, etc:				
13. Athletics and Physical Training—Men	$ 15,710.00		$ 68.69	$ 15,641.31
14. Athletics and Physical Training—Women	6,650.00		138.63	6,511.37
15. Health Service—Men	8,250.00		230.31	8,019.69
16. Health Service—Women	4,900.00	$ 48.15		4,948.15
17. Military Studies	3,615.00		22.77	3,592.23
18. Hart House (share of Maintenance)	10,700.00		204.57	10,495.43
19. Women's Building (44 Hoskin Ave.)	1,145.00		104.15	1,040.85
20. Military Studies Bldgs.	3,550.00	446.13		3,996.13
	$ 54,520.00	$ 494.28	$ 769.12	$ 54,245.16
V. 21. Examinations	$ 19.900.00		$ 259.73	$ 19,640.27
VI. Faculty of Arts:				
22. Salaries	$783,815.00		$ 2,816.18	$780,998.82
22. Mathematics	600.00		371.21	228.79
24. Applied Mathematics	600.00		13.13	586.87
25. Physics	9,750.00		633.96	9,116.04
26. Astronomy	3,000.00		355.48	2,644.52
27. Geology	1,300.00		472.91	827.09
28. Mineralogy	1,825.00		61.62	1,763.38
29. Chemistry	16,400.00		2,787.05	13,612.95
30. Biology	6,500.00		147.80	6,352.20
31. Botany	5,950.00			5,950.00
32. History	1,200.00		32.69	1,167.31
33. Anthropology	25.00		10.50	14.50
34. Archaeology	300.00		.30	299.70
35. Fine Art	1,000.00		3.05	996.95
36. Geography	400.00		38.86	361.14
37. Political Economy	2,550.00	111.95		2,661.95
38. Law	150.00		4.65	145.35
39. Philosophy	150.00		70.63	79.37
40. Psychology	4.675.00		130.95	4,544.05
41. Italian and Spanish	225.00	20.80		245.80
42. University College Departments	550.00		223.00	327.00
43. University College General Expenses	1,450.00		102.02	1,347.98
44. University College Building	12,325.00		839.07	11,485.93

Revenue Expenditures 1939-40—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller, and Wallberg Funds	Total
45. McLennan Laboratory (Physics)	7,225.00		427.00		6,798.00
46. Chemical Building	5,050.00		385.72		4,664.28
47. Biological Building	6,075.00		351.12		5,723.88
48. Botany Building	6,325.00		586.96		5,738.04
49. Baldwin House (History)	3,085.00		209.52		2,875.48
50. No. 43 St. George St.	1,130.00		111.82		1,018.18
51. No. 45 St. George St. (Law)	1,535.00		325.78		1,209.22
52. No. 47 St. George St. (Applied Mathematics)	1,195.00		566.13		628.87
53. Economics Building	10,650.00		1,248.46		9,401.54
54. Psychology Buildings	5,900.00		536.63		5,363.37
55. David Dunlap Observatory	4,000.00		334.03		3,665.97
	$906,910.00	$ 132.75	$ 14,198.23		$892,844.52
VII. Faculty of Medicine:					
56. Salaries	$280.849.00		$ 6,273.02	$ 78,119.90	$352,695.88
56a. Post Graduate Courses		$ 958.42			958.42
57. Anatomy	5,400.00		921.04		4,478.96
58. Pathology and Bacteriology	7,725.00		2,828.00		4,897.00
59. Pathological Chemistry	2,250.00		181.40		2,068.60
60. Pharmacy and Pharmacology	2,400.00		290.71		2,109.29
61. Bio-chemistry (including Zymology)	4,600.00		109.65		4,490.35
62. Physiology	3,150.00	380.79			3,530.79
63. Hygiene and Preventive Medicine	3,246.00		104.69		3,141.31
64. Medicine				3,945.85	5,347.37
65. Paediatrics				1,401.52	
66. Surgery	1,250.00		28.45		1,221.55
67. Obstetrics and Gynaecology	550.00		371.39		178.61
68. Opthalmology	500.00		478.24		21.76
69. Oto-Laryngology	250.00		103.78		146.22
70. Therapeutics	300.00		96.36		203.64
71. Psychiatry	50.00		50.00		
72. Medical Jurisprudence					
73. Radiology	1,000.00				1,000.00
74. Art Service	4,300.00		70.88		4,229.12
75. General Expenses	4,150.00		656.50		3,493.50
76. Medical Building	8,850.00		1,046.06		7,803.94
77. Banting Institute	24,000.00		975.13		23,024.87
78. Anatomical Building	5,335.00		495.25		4,839.75
79. Hygiene Building	10,950.00		1,123.10		9,826.90
	$371,105.00	$ 1,339.21	$ 16,203.65	$ 83,467.27	$439,707.83
VIII. School of Hygiene:					
80. Salaries				$33,157.69	$ 33,157.69
81. Maintenance				1,929.04	1,929.04
				$ 35,086.73	$ 35,086.73
IX. Faculty of Applied Science:					
82. Salaries	$293,435.00		$ 4,448.97		$288,986.03
83. Electrical Engineering	3,300.00		52.61		3,247.39
84. Mechanical Engineering	3,350.00		1,196.93		2,153.07
85. Civil Engineering: Municipal and Structural	1,250.00		262.68		987.32

Revenue Expenditures 1939-40—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller, and Wallberg Funds	Total
86. Civil Engineering: Surveying and Geodesy	4,120.00		47.43		4,072.57
87. Mining Engineering	2,850.00		84.41		2,765.59
88. Metallurgical Engineering	1,555.00		10.20		1,544.80
89. Chemical Engineering and Applied Chemistry	8,200.00		105.11		8,094.89
90. School of Architecture	905.00		337.01		567.99
91. Engineering Drawing	750.00		227.82		522.18
92. Applied Physics	1,775.00		41.59		1,733.41
93. General Expenses	2,655.00		277.04		2,377.96
94. Photographic Service	8,750.00		726.38		8,023.62
95. Mining Building (includ- Mill Building)	11,800.00		545.47		11,254.53
96. Engineering Building	6,425.00		385.67		6,039.33
97. Electrical Building (including Mechanical Building and Wind Tunnel)	7,700.00		781.50		6,918.50
98. Geodetic Observatory Building	500.00		90.03		409.97
	$359.320.00				
Of which chargeable to Wallberg Fund	7,000.00				
	$352,320.00		$ 9,620.85	$ 7,000.00	$349,699.15
X. Faculty of Dentistry:					
99. Salaries	$ 87,515.00		$ 233.65		$ 87,281.35
100. Laboratory and Infirmary Supplies, etc.	23,000.00		306.36		22,693.64
101. General Expenses	2,250.00		36.96		2,213.04
102. Dental Building	13,900.00		981.23		12,918.77
	$126,665.00		$ 1,558.20		$125,106.80
XI. Faculty of Household Science:					
103. Salaries	$ 28,250.00		$ 50.00		$ 28,200.00
104. Household Science	3,075.00		100.28		2,974.72
105. Food Chemistry	1,900.00		96.12		1,803.88
106. General Expenses	2,000.00		146.88		1,853.12
107. Household Science Building	5,500.00		489.18		5,060.82
	$ 40.775.00		$ 882.46		$ 39,892.54
XII. Faculty of Forestry:					
108. Salaries	$ 23,700.00		$ 65.00		$ 23,635.00
109. Maintenance	2,150.00		432.26		1,717.74
110. Forestry Building	2,435.00		238.42		2,196.58
	$ 28,285.00		$ 735.68		$ 27,549.32
XIII. Faculty of Music:					
111. Salaries	$ 3,750.00				$ 3,750.00
112. Maintenance	300.00		$ 171.24		128.76
113. Special Grant to Toronto Conservatory of Music	10,000.00				10,000.00
	$ 14,050.00		$ 171.24		$ 13,878.76

Revenue Expenditures 1939-40—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller, and Wallberg Funds	Total
XIV. School of Graduate Studies:					
114. Salaries	$ 4,150.00				$ 4,150.00
115. Maintenance	575.00		$ 35.24		539.76
	$ 4,725.00		$ 35.24		$ 4,689.76
XV. School of Nursing:					
116. Salaries	$ 21,524.00			$ 43,958.38	$ 51,458.38
117. Special Teaching	5,300.00				
118. School Maintenance	1,901.00				
119. Residence Maintenance	13,100.00				
120. Contingency Fund	400.00				
121. Building, No. 7 Queen's Park	6,775.00				
	(49,000.00)				
Proportion chargeable to Revenue	$ 7,500			$ 43,958.38	$ 51,458.38
XVI. Social Science:					
122. Salaries	$ 13,750.00		$ 2,315.00		$ 11,435.00
123. Maintenance	1,025.00		48.97		976.03
	$ 14,775.00		$ 2,363.97		$ 12,411.03
XVII. University Extension and Publicity:					
124. Salaries	$ 18,650.00		$ 1,454.16		$ 17,195.84
125. Extenson and Publicity Departments	41,000.00	15,007.39			56,007.39
	$ 59,650.00	$ 15,007.39	$ 1,454.16		$ 73,203.23
XVIII. Men's Residences:					
126. Maintenance of Buildings	$ 16,865.00		$ 858.38		$ 16,006.62
XIX. Women's Residences and Union:					
127. Maintenance of Buildings	$ 10.575.00		$ 893.49		$ 9,681.51
128. Housekeejing Account	58,225.00		4,882.70		53,342.30
	$ 68,800.00		$ 5,776.19		$ 63,023.81
XX. 129. Central Power Plant	$157,000.00		$ 11,174.56		$145,825.44
XXI. Miscellaneous and General:					
130. Central Stores	$ 4,300.00				$ 4,300.00
131. Grounds	19,900.00		$ 49.78		19,850.22
132. Protective Service	18,350.00	$ 261.92			18,611.92
133. Telephones	14.300.00		1,301.72		12,998.28
134. Insurance	27,000.00		4,342.30		22,657.70
135. Law Costs	1,000,00	713.68			1,713.68
136. Taxes	7,500.00				7,500.00
137. Auditor's fees	3,000.00				3,000.00
138. Travelling expenses	3,200.00		1,073.44		2,126.56
139. Receptions to Societies and University Visitors	3,000.00		2,382.64		617.36
140. Convocation expenses	600.00		314.85		285.15
141. Aid to Publications and Societies	4,250.00		211.81		4,038.19
142. Senate Elections					
143. Bursaries and Loans	15,000.00		634.00		14,366.00

Revenue Expenditures 1939-40—Continued

	Appropriation	Supplementary	Unused	Eaton, Rockefeller, and Wallberg Funds	Total
144. Contingencies	20,000.00		17,085.80		2,914.20
144a. Cost per Student Survey		2,000.00			2,000.00
	$141,400.00	$ 2,975.60	$ 27,396.34		$116,979.26
XXII. 145. Capital Account Charges	$119,653.00				$119,653.00
XXIII. Special Research:					
146. Departmental Appropriations	$ 18,900.00		$ 357.29		$ 18,542.71
147. Banting and Best	10,000.00				10,000.00
	$ 28,900.00		$ 357.29		$ 28,542.71

RECAPITULATION

	Appropriation	Supplementary	Unused	Eaton, Rockefeller, and Wallberg Funds	Total
I. Administration	$ 255,492.00		$ 6,386.30		$ 249,105.70
II. Library	117,165.00		1,610.36		115,554.64
III. Royal Ontario Museum	80,000.00				80,000.00
IV. Athletics, Physical Training, Military Studies, etc.	54,520.00	494.28	769.12		54,245.16
V. Examinations	19,900.00		259.73		19,640.27
VI. Faculty of Arts	906,910.00	132.75	14,198.23		892,844.52
VII. Faculty of Medicine	371,105.00	1,339.21	16,203.65	83,467.27	439,707.83
VIII. School of Hygiene				35,086.73	35,086.73
IX. Faculty of Applied Science	352,320.00		9,620.85	7,000.00	349,699.15
X. Faculty of Dentisry	126,665.00		1,558.20		125,106.80
XI. Faculty of Household Science	40,775.00		882.46		39,892.54
XII. Faculty of Forestry	28,285.00		735.68		27,549.32
XIII. Faculty of Music	14,050.00		171.24		13,878.76
XIV. School of Graduate Studies	4,725.00		35.24		4,689.76
XV. School of Nursing	7,500.00			43,958.38	51,458.38
XVI. Social Science	14,775.00		2,363.97		12,411.03
XVII. University Extension and Publicity	59,650.00	15,007.39	1,454.16		73,203.23
XVIII. Men's Residences	16,865.00		858.38		16,006.62
XIX. Women's Residences and Union	68,800.00		5,776.19		63,023.81
XX. Central Power Plant	157,000.00		11,174.56		145,825.44
XXI. Miscellaneous and General	141,400.00	2,975.60	27,396.34		116,979.26
XXII. Capital Account Charges	119,653.00				119,653.00
XXIII. Special Research (including Banting and Best)	28,900.00		357.29		28,542.71
	$2,986,455.00	$ 19,949.23	$101,811.95	$169,512.38	$3,074,104.66
			$19,949.23		
	81,862.72		81,862.72		
Charged to Revenue	$2,904,592.28				
Charged to Eaton, Rockefeller and Wallberg Funds	169,512.38				
Total Expenditure as above	$3,074,104.66				

I. ADMINISTRATION

1. Salaries.

(All salaries, except where otherwise stated, are for 12 months to 30 June, 1940)

President's Office.

Hon. H. J. Cody, LL.D., President	$ 15,000.00	
Miss A. W. Patterson, President's Secretary (paid also $250 as Secretary, Faculty of Music)	2,500.00	
Miss E. Hodge, Stenographer, 3 mos. @ $1,000 per annum (paid also $666.66 in Faculty of Dentistry)	250.00	
		$ 17,750.00

Bursar's Office

C. E. Higginbottom, Bursar and Secretary to the Board of Governors	5,000.00	
Accounts Branch:		
Accountants:		
J. A. Gair, General Funds	2,200.00	
G. L. Court, Trust Funds	2,200.00	
Miss E. Crookshanks, Investment Clerk	1,100.00	
Bookkeepers:		
H. E. McBride	1,200.00	
H. Pouwels	1,200.00	
J. R. Prince @ $1,100 (on leave of absence from January for duration of war)	742.51	
M. Holditch, temporary substitute for J. R. Prince @ $10 and $12 per week from 4 March	192.00	
Miss E. Long, Appropriations Ledger Clerk	1,650.00	
Assistant Appropriations Ledger Clerks:		
Miss R. Mahood	1,100.00	
Miss V. Whitehead	900.00	
Clerks:		
Miss J. H. Branton	1,400.00	
Miss F. M. Quinlivan	900.00	
Miss J. L. Berry, Stenographer	900.00	
Fees Branch:		
Miss E. B. Goodwin, Chief Clerk	2,150.00	
Gordon M. Grant, Cashier	1,600.00	
Record Clerks:		
Mrs. Edith M. Hardy	1,150.00	
Miss F. J. Rorke	950.00	
Secretarial Branch:		
Miss A. M. Gall, Chief Clerk, half time @ $1,025; retired 31 December; balance of salary paid to 30 June as honorarium granted by Board of Governors	1,025.00	
Miss M. Burns, Secretary to the Bursar	1,850.00	
Miss E. W. Link, Assistant	950.00	
Miss M. Austin, Pensions Clerk	1,600.00	
Miss D. W. Haggart, Assistant Pensions Clerk	900.00	
Miss M. H. Dandy, Clerk	900.00	
		$ 33,759.51

Registrar's Office

A. B. Fennell, Registrar	$ 5,100.00	
A. T. Laidlaw, Assistant Registrar	4,200.00	
Assistants:		
Miss A. MacGillivray	2,000.00	
Miss E. Hargreaves	1,900.00	
Miss I. E. Fraser	1,300.00	

Graduates Register:		
Clerks:		
Miss B. G. Van Allen @ $1,450 (on leave of absence without salary from 10 October to 31 December)	1,134.33	
Miss J. E. Woods, Substitute, @ $18 per week	198.00	
Miss M. F. Thompson	1,450.00	
Miss Ruth D. Wythe	1,000.00	
Miss J. L. Stephens	950.00	
Miss M. E. Smith	800.00	
Clerks:		
Miss A. S. Meen	1,700.00	
Miss M. M. Lavell (on leave of absence from 11 September—substitute supplied from 1 January to 30 June)	1,100.00	
Miss E. M. Sharpe, Secretary to the Registrar	1,650.00	
Stenographers:		
Miss E. M. Fasken	1,450.00	
Miss Dorothy Woods	950.00	
Filing Clerks:		
W. Calladine @ $800 (resigned 15 October)	233.33	
A. Mackie, 35½ weeks @ $10 (paid also $57.31 in Library)	355.00	
		$ 27,470.66

Superintendent's Office

A. D. LePan, Superintendent of Buildings and Grounds	$ 6,500.00	
W. H. Bonus, Assistant Superintendent	4,500.00	
Assistants:		
G. D. Maxwell	3,500.00	
E. G. Moogk	2,700.00	
J. Shortreed	2,700.00	
W. L. D. Carnie, Chief Clerk	2,400.00	
Miss M. D. Chisholm, Stenographer	1,400.00	
Clerks:		
Miss A. K. Wynn	1,400.00	
Miss E. Nicklin	1,400.00	
Miss R. E. Cannon	1,050.00	
Miss R. M. Rankin	950.00	
Miss M. E. Lee	900.00	
Miss M. R. LeGrow	850.00	
		$ 30,250.00

Miscellaneous.

J. B. Bickersteth, Warden, Hart House (with living valued @ $675)	$ 4,500.00	
E. A. Macdonald, Director of Student Aid and Placement (without salary—paid by Students' Administrative Council as Secretary-Treasurer)	....	
Leonard Smith, Bedel, also Attendant and Messenger, President's Office	1,200.00	
		$ 5,700.00
		$114,930.17

2. Pensions and Retiring Allowances

University's contribution to Pension Funds for the year ending 30 June 1940:			
Remitted to Teachers' Insurance and Annuity Association, New York, for credit of retiring allowances funded there (original contributory plan)		$ 34,838.39	
Less: Conservatory of Music contributions	$ 100.00		
Returned	775.38		
		875.38	
			33,963.01
Credited to Academic Pension Fund (formerly non-contributory plan)			32,000.00
Credited to Employees' Pension Fund (Administrative and Clerical Employees)			27,841.78

Sundry annual allowances (voted separately and not chargeable to above funds)—paid as detailed below:				
Sir Robert Falconer		$ 10,000.00		
Less payable from:				
Carnegie Corporation	$ 995.00			
Academic Pension Fund	1,405.00			
		2,400.00		
			7,600.00	
Dr. F. A. Mouré		$ 3,600.00		
Less Payable from:				
Carnegie Corporation	$1,305.00			
Academic Pension Fund	1,743.27			
		3,048.27		
			551.73	
J. T. Fotheringham			500.00	
H. H. Langton			400.00	
D. J. Clark			250.00	
Widow's allowances:				
Mrs. M. Hope Gillespie			900.00	
Mrs. Christian Lynn			375.00	
				10,576.73
				$104,381.52

3. President's Office.

Office supplies, postage, printing, and incidentals:		
President H. J. Cody, sundry disbursements	16.48	
Office Specialty Mfg. Co., transfer cases, folders	15.32	
Postage	70.00	
Robbins and Townsend, typewriter inspection	5.40	
University Press, printing & stationery	741.64	
		$ 848.84

4. Bursar's Office

Office supplies, postage, printing and incidentals ($3,967.91)		
Burroughs Adding Machine Co., maintenance service	40.14	
Eastern Association of College and University Business Officers membership fee	10.00	
Grand and Toy, cheques, binder index, chair cushions, etc.	161.75	
Johnson Office Furniture, typewriter stand and chair	20.00	
Might Directories, Ltd., City Directory	32.40	
Office Specialty Mfg. Co., furniture, repairs, transfer cases	447.08	
Postage	600.00	
Robbins and Townsend, typewriter maintenance	57.90	
Underwood Elliott Fisher Ltd., 6 typewriters, $729.00, less allowances on old machines turned in $115.00, $614, maintenance service, carbon, etc., $45.99	659.99	
University Press, printing and stationery	1,710.78	
Accounts under $10.00 (2)	7.85	
The Bursar, disbursements:		
Meals for staff—overtime work, $107.50; Accountant, allowance for use of car, banking $75.00; exchange on cheques and postal notes, $6.08; sundries, $4.12; less credit on exchange, $43.78	148.92	
The Bursar, travelling expenses to Philadelphia in connection with giving a Paper on "The University and the War" at the Conference of College and University Business Officers	70.45	
Superintendent's Dept. labour, .35; material, .30	.65	
Clerical Assistance ($1,078.50):		
Miss J. Davidson, 9 weeks, 5 days	147.50	
Miss G. Haight, 1 week	10.00	
Miss M. Milner, 6 weeks	90.00	
Mrs. I. McCormick, 46 weeks, 1 day	831.00	
Stamp taxes and bank service charges	1,371.42	
		$ 6,417.83

5. Registrar's Office.

Stationery and Office supplies ($2,679.25):		
Addressograph Sales Agency, plates	22.50	
P. E. Hyde, subscription to daily papers	27.00	
Might Directories Ltd., City Directory	43.20	
Mimeograph Co., inks, stencils, etc.	66.28	
Office Specialty Mfg. Co., chair, folders, cards, etc.	256.95	
Postage	1,150.16	
Robbins and Townsend, typewriter inspection	16.20	
Stephen Sales Ltd., paper	26.10	
E. G. Taylor, addressograph inspection	23.15	
Underwood Elliott Fisher Ltd., typewriter $149.85 less allowance $40.00 on turned in machine, repairs, etc. $28.68	138.53	
University Press, printing and stationery	806.56	
Accounts under $10.00 (7)	38.80	
Sundry disbursements by Registrar	13.13	
Superintendent's Dept., freight, .21; labour, $19.27, material, $31.21	50.69	
Clerical Assistance ($721.25):		
Miss I. A. Firth, 3 1/3 weeks	60.00	
Miss F. F. Lloyd, 29¼ hours	17.55	
J. T. Mantley, 41 hours	8.20	
Miss J. G. M. Maxwell, 3 1/3 weeks	50.00	
Miss M. Meen, 5 weeks	75.00	
Miss M. MacQuarrie, 12 weeks	180.00	
C. S. H. Proctor, 3 weeks, 5 days	57.50	
Miss J. Woods, 15 weeks, 1 day	273.00	
University Press, printing Arts calendar, curricula, etc.	2,616.41	
	6,016.91	
Less credits: proceeds from sale of Directory, $514.17, sale of materials, etc. $86.06	600.23	
		$ 5,416.68

6. Superintendent's Office.

Office Supplies, postage, printing and incidentals ($1,918.30):		
Brown Bros., ledger sheets, wrapping paper, etc.	71.65	
Bernard Cairns Ltd., daters, stamps, etc.	12.87	
R. G. Dalton Co., blue prints	36.61	
McMillan Publishers Ltd., tariff service	25.00	
Office Specialty Mfg. Co., chair, cabinet, transfer cases, etc.	86.57	
Photographic Service, blueprints	18.29	
Postage, $270.00; Revenue Stamps, $24.00	294.00	
Provincial Treasurer, Auto license	10.00	
Remington Rand Ltd., adding machine, $99.00 and maintenance	138.75	
Robbins and Townsend, typewriter maintenance	43.85	
University Press, printing and stationery	954.31	
Accounts under $10 (15)	72.53	
Sundry disbursements	31.21	
Superintendent's Dept., labour, $33.87; material, $88.79	122.66	
Incidental expenses re work on buildings:		
Labour	168.42	
Drafting assistance:		
A. H. Taylor, 49 weeks, 3½ days	1,400.91	
Clerical assistance ($485.64):		
Miss L. Billman, 16½ days	37.13	
R. J. Carscadden, 16½ days	37.13	
B. Hart, 13 weeks, 2 days	191.25	
Miss P. Worden, 15 weeks, 1 day	220.13	
	$ 3,973.27	
Less credit for Customs entry fees, etc.	113.71	
		$ 3,859.56

7. Convocation Hall and Simcoe Hall.

Heat and light		$ 4,338.70	
Gas, $68.82; water, $88.12		156.94	
Caretaker's supplies ($509.10):			
Bernard Cairns, stamp		.84	
Superintendent's Dept., material		499.31	
University Press, paste, ink, etc.		8.95	
Cleaning ($5,155.62):			
Allen Mfg. Co., laundry		38.06	
Co-Operative Window Cleaning Service		19.00	
Toronto Window Cleaning Co.		5.00	
White Window Cleaning Co.		12.00	
Superintendent's Dept., labour		5,081.56	
Repairs and Renewals ($2,712.30):			
Canadian Johns-Manville Co., J.-M. Acoustical ceiling		175.00	
Provincial Treasurer, public hall license		10.00	
W. E. Routery, plastering repairs		37.40	
Accounts under $10. (3)		12.25	
Superintendent's Dept., labour, $1,571.55, material, $906.10		2,477.65	
Sundries: Repairs to roof, Convocational Hall Superintendent's Dept., labour, $666.37, material, $583.63		1,250.00	
Acting Postmaster and Chief Messenger H. R. Cheney, 12 months		1,400.00	
Messenger and Post Office Service ($2,,096.21):			
Messengers @ $8.50 to $17.00 per week			
J. Monkhouse, 48 weeks, 4 days		826.36	
W. Sherman, 52 weeks		519.00	
J. R. Wilson, 52 weeks		519.00	
A. Mackie, 7 weeks, 6½ days		73.23	
Wm. Boyce, 30½ days		48.43	
M. Marshall, 22 days		33.00	
A. Prince, 2 weeks		18.00	
C. Hunter, 5 days		8.19	
Carfares		51.00	
		$ 17,618.87	
Less heat and light charged to Central Power Plant	$ 4,338.70		
Credit for cleaning, etc.	226.08		
		$ 4,564.78	
			$ 13,054.09

8. 86 Queen's Park (formerly President's House)

Repairs and Renewals:		
Superintendent's Dept., labour, $196.21; material, .80	$ 197.01	
		$ 197.01
		$249,105.70

II. LIBRARY

9. Salaries.

W. S. Wallace, Librarian (paid also $350 in Ontario College of Education)	$ 5,500.00
Miss H. G. B. Woolryche, Assistant Librarian	2,500.00
Heads of Departments:	
Miss M. L. Newton (Circulation)	2,250.00
Miss E. V. Bethune (Cataloguing)	2,150.00
Miss A. M. Cordingley (Periodical)	1,850.00
Assistants:	
Miss E. Creighton	1,700.00
Miss E. Aldridge	1,700.00
Miss J. Jarvis	1,650.00
Miss M. H. Skinner	1,600.00
Miss J. Rathbun	1,550.00
Miss I. Trowern	1,500.00
Miss A. Leonard	1,450.00

Miss D. Dignum	1,450.00	
Miss M. L. Hewitt	1,450.00	
Miss Edith L. Alexander	1,450.00	
Miss Dorothea Tod	1,400.00	
Miss K. Ball	1,400.00	
Miss G. Williams	1,350.00	
Miss V. A. Taylor	1,350.00	
Miss I. C. Hill	1,350.00	
Miss M. Robinson	1,300.00	
Miss Edith Cook	1,300.00	
Miss K. Wales	1,300.00	
Miss F. E. Bertram	1,250.00	
Miss Ruth Haldenby (paid also $25 for Extension Work)	1,250.00	
Miss J. MacBeth	1,250.00	
Miss M. Rose	1,250.00	
Miss M. Thompson	1,250.00	
Miss E. Heighington	1,200.00	
Miss V. I. Keys	1,200.00	
Miss Helen Troop	1,200.00	
Miss Emma Wilson	1,200.00	
Miss H. C. Wrightman	1,200.00	
Miss Janet Cox, 10 mos. @ $1,200	1,000.00	
Miss R. McRostie, 10 mos. @ $1,200	1,000.00	
Miss M. H. Buchan (part time)	550.00	
Miss Doris Shiell @ $1,350 (resigned 31 July)	225.00	
James A. Patterson. Attendant (with rooms, heat and light valued @ $420 as Caretaker of building)	1,150.00	
Messengers @ $8.00 per week:		
Angus Mackie, 7 weeks 1 day (see also Registrar's office)	57.31	
Harry Lloyd, 36 weeks	288.00	
Stackmen:		
Stanley South	780.00	
William Fryer	540.00	
		$ 58,340.31

10. Library Maintenance.

General Library Appropriation (Current Account):

Books and Periodicals ($32,806.35):

Edward G. Allen & Son	$ 4,198.59
Thos. Allen	65.20
American Association for Advancement of Science	25.56
American Chemical Society	29.92
American Dental Association	86.62
American Institute of Mining and Metallurgical Engineers	26.62
American Library Association	113.12
American Medical Association	128.76
American Psychological Association	45.79
American Society for Metals	30.43
American Society for Testing Metals	75.05
Argosy Book Stores, Inc.	46.11
Baker & Taylor Co.	2,773.64
Biological Abstracts	27.89
B. H. Blackwell & Co.	82.61
A. Bonnier Publishing Co.	144.94
Book Dept., Chemical Welfare School	49.45
R. R. Bowker	73.82
Braus-Riggenbach	208.75
British Museum	67.00
F. A. Brockhaus	505.96
Burroughs & Co.	30.50
Butterworth & Co.	49.45
Cambridge University Press	138.40
Canada Law Book Co.	71.30
Canadian Law List Publishing Co.	29.30
Carswell & Co.	1,369.35
Arthur H. Clark Co.	71.08
Clark, Irwin & Co.	521.89
Copp Clark Co.	25.60

Custodian of Enemy Property (10 accounts)	765.10
Wm. Dawson Subscription Service	224.27
J. M. Dent & Sons (Canada) Ltd.	36.54
Doubleday, Doran & Co.	28.91
E. Droz	797.46
G. Ducharme	123.75
Engineering Index Inc.	55.78
F. W. Faxon	1,203.51
Franz C. Feger	741.52
Henry George Fiedler	168.98
John Feranti Co.	31.54
Gustav Fock	36.54
Gauthier-Villars	58.60
Paul Geuthner	97.94
Globe & Mail Publishing Co.	27.00
John Grant	54.84
Gurney & Jackson	50.79
H. M. Stationery Office	45.26
Thos. J. Harris	145.47
Johns Hopkins Press	37.23
Dr. H. S. Jackson	75.00
Johnson Book Co.	29.75
Journal of Biological Chemistry	27.34
Journal Press	55.78
Mrs. F. M. Kimball	100.27
P. S. King & Son	33.92
L. Krupp	25.84
Otto Lange	1,080.01
L'Art Ancien S. A.	28.45
League of Nations of Canada	74.23
Library of Congress of U.S.A.	56.81
Licoph Service	25.53
Linguistic Atlas of U.S.A.	61.17
J. B. Lippincott	27.61
Long Island Biological Association	38.03
Longmans Green & Co.	150.19
McAinsh & Co.	46.94
McClelland & Stewart Ltd.	123.78
McGraw-Hill Book Co.	607.26
McLean Publishing Co.	25.50
George J. McLeod	122.51
MacMillan Co., of Canada	891.21
Masson et Cie.	45.29
Mathematical Association of America	29.54
Medical Library Association	33.58
Modern Language Association of America	35.21
Gabriel Molina	33.77
Musson Book Co.	138.10
National Bibliophile Service	112.77
Thos. Nelson & Son	233.90
New York Times	249.54
N. V. Martinus Nijhoff	370.98
A. Nizet & M. Bastard	462.82
L'Office International de Librairie	27.54
Old Authors Book Shop	27.50
Oxford University Press	78.77
N. A. Phemister Co.	397.83
Sir Isaac Pitman & Sons	51.95
Poor's Publishing Co.	106.02
Regents of University of California	29.14
Ryerson Press	331.08
Estate of John C. Saul	1,250.00
S. J. R. Saunders	143.14
Chas. Scribner Sons	40.60
Seeber Libreria Internazionale	28.40
Seven Book Hunters	34.87
John D. Sherman Jr.	30.42
Simpkin Marshall Ltd.	2,268.35
Smithers & Bonellie	33.77
G. E. Stechert & Co.	347.85

Stevens & Sons Ltd.		28.51	
Victoriano Suarez		118.04	
Superintendent of Documents, Washington, D.C., U.S.A.		111.28	
N. V. Swetz & Zeitlinger		160.46	
University of Chicago Press		134.92	
J. Whitaker & Sons		27.80	
John Wiley & Sons		245.65	
Williams & Wilkins Co.		137.78	
H. W. Wilson Co.		268.31	
Wistar Institute of Anatomy & Biology		151.46	
Wittenborn & Co.		26.71	
Jake Zeitlin Inc.		36.25	
University Press		2,500.61	
Accounts under $25 (362)		2,334.98	
General Expenses ($12,515.74):			
Allen Mfg. Co., laundry		18.68	
Bostitch Canada Ltd., staples, fastener		14.40	
Corbett-Cowley Ltd., laboratory coats		14.99	
Library of Congress, cards		199.03	
Lowe Martin Co., cards, book packets		542.39	
Mimeograph Co. of Canada, mimeograph, $290.00, less allowance $100.00; stencils, paper, etc.		202.55	
Melville Travel Service, United States of America stamps		80.70	
Office Specialty Mfg. Co., cabinet, stools, repairs, cards, etc.		584.85	
Photographic Service, prints, lantern slides		10.25	
Postage		820.71	
Remington Rands Ltd., 2 typewriters, $273.15 less allowance on 2 machines turned in, $53.00; parts, etc.		227.40	
Roberts and Son, pictures framed		16.75	
Robbins and Townsend, typewriter maintenance, portable typewriter, $55.50		174.10	
S. Weinroth, picture		45.00	
University Press, binding, directories, printing, stationery		9,053.22	
Accounts under $10 (11)		54.69	
Superintendent's Dept., freight, $351.27; labour, $56.92; material, $47.84		456.03	
		$ 45,322.09	
Less replacement of books lost by departments		57.38	
		$ 45,264.71	
Of which charged to sundry funds as follows:			
Carnegie Library, University College	$ 947.49		
Dental, Harry R. Abbott Fund	412.72		
John Squair Fund No. 2	87.28		
King Alfred Millenary Fund	205.07		
Phillips Stewart Bequest	30.84		
J. C. Saul English Poetry Fund	450.00		
		$ 2,133.40	
		$ 43,131.31	
Transactions by Librarian:			
Balance in his hands 1 July, 1939, $60.11; credited from fines, $595.05; replacement of of books lost, $57.68; miscellaneous, $7.75; graduates' deposits, $1,517.49	$ 2,238.08		
Deposits refunded, $936.19; miscellaneous, $7.52; left in Librarian's hands to be accounted for, $100.00	1,043.71		
	$ 1,194.37		
Transferred to Trust Funds (Schedule 3) balance of Graduates' Deposits	581.30		
Credited to this account		613.07	
			$ 42,518.24

Assistance: ($9,132.39)		
At $40 to $90 per month:		
Miss J. Arnold	$ 859.78	
Miss M. Bealy	922.58	
Miss I. Brand	840.00	
Miss E. Brunke	670.70	
Miss M. Carson	680.64	
Miss M. Carter	23.33	
Miss E. Chubbock	23.33	
Mrs. M. McCallum	347.06	
Miss F. English	1,080.00	
Miss C. McKinnon	13.55	
Miss M. McLarty	443.55	
Miss C. Nisbet	591.39	
Miss E. Pepall	239.51	
Miss R. Read	671.39	
Miss H. Reid	109.70	
Miss P. Richardson	578.06	
Miss M. Slater	624.94	
Miss D. White	60.00	
At $8 per week		
Wm. Boyce	152.00	
At 25c to 75c per hour		
Miss M. Godfrey	30.50	
Miss M. E. Holloway	40.00	
L. Kohr	63.88	
Miss J. G. Munro	38.00	
Miss M. Skinner	28.50	
	$ 9,132.39	
Less credits	237.33	
$8,895.06 charged as follows:		
Opening Library in evenings		6,199.20
Special grant for re-classification		2,695.86
Alterations and fixtures:		
Office Specialty Mfg. Co., steel card case, shelving	$ 902.00	
Superintendent's Dept., labour, $63.75; material, $31.86	95.61	
		997.61
		$ 52,410.91

II. Library Building.

Heat and light	$ 3,784.30
Gas, $47.94; water, $86.63	134.57
Fuel:	
Central Coal Co.	10.40
Caretaker's supplies:	
Superintendent's Dept., material	364.35
Cleaning ($2,143.25):	
Allen Mfg. Co., laundry	15.40
High Park Window Cleaning	64.00
Superintendent's Dept., labour	2,063.85
Repairs and Renewals ($2,158.55):	
Canadian Power Regulator Co., ventillating unit repairs	28.94
Johnson Temperature & Regulating Co., checking and repairing system	98.09
A. D. Porter & Associates, ventilator	225.00
Accounts under $10 (2)	12.13
Superintendent's Dept., labour, $1,386.10; material, $408.29	1,794.39

Caretaker with living quarters valued at $420 (paid from salaries as Library Attendant)		....	
		$ 8,595.42	
Less heat and light charged to Central Power Plant	$ 3,784.30		
Sundry Credits	7.70		
		3,792.00	
			$ 4,803.42
			$115,554.64

III. 12. Royal Ontario Museum

University's share of maintenance advanced to the Trusteees of the Royal Ontario Museum under R.S.O. 1937, Cap. 343	$ 80,000.00

IV. ATHLETICS, PHYSICAL TRAINING, MILITARY STUDIES, ETC.

13. Athletics and Physical Training—Men.

(a) Salaries:		
T. A. Reed, Secretary, Athletic Directorate	$ 5,700.00	
Warren Stevens, Director of Physical Education (paid by Athletic Association)	....	
Gymnasium Instructors (Sessional):		
W. H. Martin, also Supervisor of Compulsory Physical Training, 10 mos.	2,700.00	
J. E. McCutcheon, also Supervisor of Intramural Activities, 10 mos.	2,600.00	
C. Zwygard, 7 mos.	1,100.00	
W. W. Winterburn, Swimming Instructor, 10 mos.	2,600.00	
Instructors (Sessional—part-time):		
H. Phillips	400.00	
L. W. Black (honorarium)	250.00	
M. Glionna	250.00	
G. Daly	200.00	
Locker Attendants:		
W. Rimmer, Chief Locker and Attendance Clerk	2,100.00	
C. Carruthers, 8 mos.	800.00	
J. R. Rimmer, 35 wks. @ $15.00 per week	525.00	
A. E. Jordan, 29 wks. @ $15.00 per week	435.00	
L. Parkin, 30 hrs. @ $15.00 per week	18.00	
M. R. Depew, 3 days @ $15.00 per week	7.50	
Miss K. Boyd, Clerical Assistant, 10 mos.	800.00	
	$ 20,485.50	
Less Secretary's salary (paid by Athletic Association)	5,700.00	
		$ 14,785.50
(b) Maintenance of Department:		
Attendance records, card system ($111.61):		
Accounts under $10 (3)	$ 18.57	
University Press, printing, stationery	93.04	
Gymnastic appliances and repairs to equipment ($744.20):		
American Tent and Twning Co., mat cover	47.00	
T. Eaton Co. Ltd., cocoa matting, gloves, etc.	29.20	
Harry Kennedy, balls	90.20	
John Leckie Ltd., rope, cable blocks	11.66	
E. Siemonsen, rowing machine, diving board	133.50	
Toronto Radio and Sports Ltd., gloves, balls	29.88	
Jack Watson Sporting Goods, bats, balls, etc.	86.75	
Harold A. Wilson Co., balls, safety belts, etc.	114.70	
John Woods, mending gymnasium mats	26.82	
Accounts under $10 (7)	34.70	
Superintendent's Dept., labour, $114.93; material, $24.86	139.79	
		$ 855.81
		$ 15,641.31

14. Athletics and Physical Training—Women

(a) Salaries:		
Miss I. G. Coventry, Physical Director	$ 2,000.00	
Miss J. M. Forster, Assistant Physical Director, 8 mos. (paid also $200 for Extension Work)	1,300.00	
Swimming Instructors (Sessional):		
Mrs. Aileen Nisbet	1,000.00	
Miss J. Coventry (paid also $100 for Extension Work)	500.00	
Mrs. Margaret Graham, Clerical and Gymnasium Assistant (Sessional—paid also $40 for Extension Work and in O.C.E.—see also below)	300.00	
Miss A. E. M. Parkes, Secretary-Treasurer, Women's Athletic Directorate (Sessional—paid also $900 by Students' Administrative Council)	350.00	
		$ 5,450.00
(b) Maintenance of Department:		
Sundry expenses ($535.93):		
Allen Mfg. Co., laundry	$ 23.79	
Mrs. M. Graham, pianist, 302½ hours	302.50	
Office Specialty Mfg. Co., bookcase	34.30	
Harold A. Wilson Co., balls, shuttlecocks, etc.	31.10	
University Press, printing, stationery	23.61	
Accounts under $10 (3)	4.60	
Sundry disbursements by Miss Coventry, piano rental	21.00	
Superintendent's Dept., labour, $42.48; material, $52.55	95.03	
Janitor service at night classes ($56.24):		
A. J. Maycock	54.00	
Superintendent's Dept., labour	2.24	
	$ 592.17	
Less credit for use of towels at swimming pool	60.80	
		$ 531.37
(c) Course for Diploma in Physical Education:		
Honoraria to Instructors:		
Dr. H. D. Ball, Anatomy	$ 150.00	
Miss K. McMurrich, Anatomy and Kinesiology	150.00	
Y. Solandt	150.00	
Mrs. M. Graham	50.00	
Mrs. L. Jones	30.00	
		$ 530.00
		$ 6,511.37

15. Health Service—Men

(a) Salaries:		
G. D. Porter, Director	$ 5,250.00	
J. M. Thomas, Office Assistant, 8 mos.	1,000.00	
		$ 6,250.00
(b) Maintenance of Department:		
Examining Physicians ($1,180.00):		
Noble Black	$ 100.00	
A. H. W. Caulfeild	20.00	
T. A. Crowther	100.00	
C. B. Farrar	100.00	
Frank Hassard	100.00	
Ross Jamieson	20.00	
A. G. McPhedran	200.00	
S. J. N. Magwood	100.00	
John A. Oille	20.00	
Frank Park	100.00	
D. E. Robertson	20.00	
W. E. L. Sparks	100.00	
Addison Taylor	100.00	
Wright Young	100.00	

Surgical Assistance and Equipment ($400.00):		
J. A. MacFarlane	200.00	
R. H. Thomas	200.00	
Medical and office supplies, printing, including X-ray examinations ($189.69):		
J. F. Hartz Co., medical supplies	137.06	
University Press, printing, stationery	42.24	
Accounts under $10 (2)	8.95	
Superintendent's Dept., labour, $1.35; material, .09	1.44	
		$ 1,769.69
		$ 8,019.69

16. Health Service—Women

(a) Salaries:		
Dr. Edith H. Gordon, Medical Adviser @ $3,400.00 (on leave of absence from 1st Oct. to 1st Jan.—ob. 17th Dec.)	$ 1,700.00	
Dr. Jean F. Davey, Acting Medical Adviser, 1st Oct. to 30th June	1,800.00	
Miss M. B. Jackes, office assistant, 8 mos.	1,200.00	
		$ 4,700.00
(b) Maintenance of Department ($248.15):		
Allen Mfg. Co., laundry	$ 11.25	
E. S. Gordon, microscope, stage	50.00	
Ingram and Bell, medical supplies	51.06	
Sanitread Co., paper shower shoes	17.50	
Women's College Hospital, X-Rays	24.00	
University Press, printing, stationery	72.46	
Accounts under $10 (5)	20.76	
Superintendent's Dept., labour	1.12	
		$ 248.15
		$ 4,948.15

17. Military Studies.

(a) Salaries:		
Major M. Barry Watson, Director, also Assistant Professor, Faculty of Arts	$ 2,500.00	
W. A. Baughurst, Assistant, 10 mos.	1,000.00	
		$ 3,500.00
(b) Maintenance of Department:		
Office and General expenses:		
Johnson Office Furniture, file	$ 29.00	
Roneo Co. of Canada, stencils, paper	16.80	
University Press, printing, stationery	21.00	
Accounts under $10 (7)	25.43	
		$ 92.23
		$ 3,592.23

18. Hart House—Share of Maintenance

Heat and light	$ 19,841.87	
Cleaning etc., of Gymnasium Wing:		
Comptroller, Hart House	4,200.00	
Repairs and renewals ($6,165.91):		
City Treasurer, elevator licenses	15.00	
Italian Mosaic & Tile Co., repairs	5.13	
Lundy Fence Co., fence	50.40	
Nichols Chemical Co., alum	35.98	
W. E. Routery, repairs	96.15	
J. J. Salt Ltd., sand blasting	45.00	
Vulcan Asphalt & Supply Co., laying mastic	49.00	
Superintendent's Dept., labour, $4,035.05; material, $1,834.20	5,869.25	

Sundries—Replacement of East Bay Gymnasium Floor, ($3,199.83):			
Brooks Marble & Tile Co., repairs to showers		320.00	
Thos. H. Crozier, resurfacing gymnasium		90.00	
Ramsay Contracting Co., replacement of floor, East Bay		1,609.32	
Superintendent's Dept., labour, $638.53; material, $541.98		1,180.51	
Hart House, Alterations to Graduates' Servery & Dining Room ($6,752.80):			
Canadian Blower & Forge Co., fan		109.08	
Canadian Sirocco Co., Ltd., ventilating unit		533.13	
T. Eaton Co., Ltd., curtains, carpets		1,028.41	
Electric Service Co., silex range		56.29	
Frigidaire Division, General Motors of Canada, refrigerator motor, ice cream cabinet		398.00	
Hospital and Kitchen Equipment Co., urn stand, steam table, pans, etc.		1,499.10	
Italian Mosaic & Tile Co., terrazzo work		120.70	
Masco Co., Ltd., toaster		10.13	
Mathers & Haldenby, professional fees		100.00	
Modern Kitchen Equipment Co., refrigerator, case		367.20	
W. E. Routery, plastering		91.05	
Turnbull Elevator Co., collapsible gate		71.00	
Superintendent's Dept., freight, .70c; labour, $1,461.27; material, $906.74		2,368.71	
		$ 40,160.41	
Less heat and light, charged to Central Power Plant	$ 19,841.87		
Hart House share of maintennce deducted from fees collected	3,000.00		
Credit from Queen's University for damage	70.31		
Charged to Massey Foundation	6,752.80		
		$ 29,664.98	
			$ 10,495.43

19. Women's Building—44 Hoskin Ave.

Fuel ($270.49):		
Central Coal Co.	$ 10.40	
Conger Lehigh Coal Co.	257.84	
Superintendent's Dept., labour	2.25	
Gas, $11.22; electric current, $53.58; water, $8.00	72.80	
Caretaker's supplies:		
Superintendent's Dept., material	19.55	
Cleaning and Furnaceman ($374.36):		
Allen Mfg. Co., laundry	3.70	
High Park Window Cleaning	5.00	
Superintendent's Dept., labour	365.66	
Repairs and renewals:		
Superintendent's Dept., labour, $260.64; material, $43.01	303.65	
		$ 1,040.85

20. Military Studies Buildings.

No. 184 College Street:	
Light:	$ 153.81
Fuel ($445.97):	
Central Coal Co.	21.32
Conger Lehigh Coal Co.	424.65
Gas, $18.96; water, $15.72	34.68
Caretaker's supplies:	
Superintendent's Dept., material	65.27
Cleaning ($314.08):	
White Window Cleaning Co.	4.00
Superintendent's Dept., labour	310.08

Repairs and renewals ($538.49):			
Wm. Bartlett and Son, shades		1.70	
W. E. Routery, plastering repairs		17.35	
Superintendent's Dept., labour, $329.91; material, $189.53		519.44	
		$ 1,552.30	
No. 119 St. George Street			
Maintenance:			
Electric current $269.25; water, $23.25		$ 292.50	
Central Coal Co.		83.37	
Conger Lehigh Coal Co.		662.10	
Accounts under $10 (3)		18.04	
Superintendent's Dept., labour, $1,042.27; material, $291.61		1,333.88	
Caretaker, J. F. Westhead (also $618.75 paid by C.O.T.C.)		225.00	
		$ 2,614.89	
		$ 4,167.19	
Less light charged to Central Power Plant	$ 153.81		
Sale of oil burner	15.00		
Cleaning credit	2.25	$ 171.06	
			$ 3,996.13
			$ 54,245.16

V. 21. Examinations.

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Adelman, M.			4.50	4.50
Ainslie, D. S.	2.75	18.00		20.75
Aitchison, J. H.	11.50		6.00	17.50
Alford, John	10.50			10.50
Allcut, E. A.	28.00			28.00
Allen, J. S.			15.00	15.00
Anderson, F. H.	10.00			10.00
Anderson, J. F.			15.00	15.00
Anderson, J. M.	6.25			6.25
Anderson, P. G.	11.75			11.75
Andison, J. G.		18.00		18.00
Angus, R. W.	23.75			23.75
Ante, I. H.	16.50			16.50
Anthes, R. G.			15.50	10.50
Ardagh, E. G. R.	17.00			17.00
Armour, R. G.	45.00			45.00
Armstrong, H. G.	45.00			45.00
Arnold, Mrs. M. B.			21.00	21.00
Arnold, R. K.		15.00		15.00
Arthur, E. R.	7.00	21.00		28.00
Assie, G. L.	7.75	18.00		25.75
Auld, F. C.	29.00			29.00
Bailey, D. L.	10.75			10.75
Baillie, D. C.	10.25		25.00	34.25
Baillie, W. H. T.	6.75	60.00		66.75
Bain, J. W.	19.12			19.12
Baker, A. W.	11.75			11.75
Balthazard, Miss I. G.	4.00	18.00		22.00
Banks, E. A. H.	6.50			6.50
Banting, E. W.	6.00			6.00
Barclay, T. B.			24.00	24.00
Barnes, C.	5.25			5.25
Batt, H. E.	20.00			20.00
Beal, G. P.			15.00	15.00
Beatty, S.	10.75			10.75
Bell, H. B.	14.75			14.75
Bennett, H.	5.00			5.00
Bernhardt, K. S.	10.25	3.00		13.25
Berry, Miss D. F. J.	1.70			1.70
Best, C. H.	5.75			5.75
Bethel, V. W.			6.00	6.00
Biehn, Miss M. E.			1.50	1.50
Biggs, G. M.	45.00			45.00
Birney, A. E.	6.25			6.25
Blackwood; W. C.	22.50			22.50
Boeschenstein, H.	68.50	36.00		104.50
Bonnycastle, D. D.		42.00		42.00
Boswell, M. C.	17.00			17.00
Bott, E. A.	5.50			5.50
Bowen, A. J.			153.00	153.00
Box, H. K.	1.25			1.25
Boyd, Wm.	8.75			8.75
Brady, A.	6.00			6.00
Branion, H. D.	50.25			30.25
Brauer, R.	5.00	15.00		20.00
Breckenridge, J. G.	2.63			2.63
Brett, G. S.	5.25			5.25
Brieger, P.	5.25	12.00		17.25
Brodie, Miss J. B.	2.75			2.75
Brooks, E. F.	45.00			45.00
Brown, Alan	43.50			43.50
Brown, G. W.	15.25			10.25
Brown, R. J.	12.00	51.00		63.00
Brown, W. Hurst	50.00			50.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Bruck, R. H.	10.50		19.50	30.00
Burden, H. J.	5.25			5.25
Burk, J. D.	17.25			17.25
Burnham, H. H.	45.00			45.00
Bryant, L. R.	32.00			32.00
Burt-Gerrans, J. T.	17.75			17.75
Burton, E. F.	6.00			6.00
Burpee, D.			1.50	1.50
Caesar, L.	8.25			8.25
Cairns, G.	20.00			20.00
Cameron, G. C.	43.75			43.75
Campbell, A.A.	45.00			45.00
Campbell, W. R.	45.00			45.00
Cano, J.	8.13	18.00		26.13
Carpeneto, D. D.		9.00		9.00
Carscadden, W. G.	45.00			45.00
Carscallen, Miss J. H.			16.50	16.50
Carswell, J. M.			13.50	13.50
Carswell, W. E.		27.00		27.00
Carver, H. S. M.			1.50	1.50
Case, G. L.			6.00	6.00
Cass-Beggs, D. N.		18.00		18.00
Castell, C. H.	5.50			5.50
Cates, H. A.	12.50	24.00		36.50
Cavanaugh, W. H.	9.25			9.25
Chant, S. N. F.	12.75			12.75
Chapman, Miss D. M.	3.83	3.00		6.83
Charles, W. B.		6.00		6.00
Clark, C. C.	56.75			56.75
Clark, R. M.			12.00	12.00
Clarkson, F. A.	19.00			19.00
Clawson, W. H.		54.00		54.00
Cleaver, E. E.	45.00			45.00
Cleghorn, R. A.	45.00			45.00
Clerc, J. O.		15.00	16.50	31.50
Coburn, Miss K. H.	5.50			5.50
Cockburn, J. R.	11.75			11.75
Cole, Miss A. C.	5.38	3.00		8.38
Cole, C. E. C.	45.00			45.00
Cole, F. L.	19.00			19.00
Conboy, F. J.	49.00			49.00
Corrigan, C. A.	5.75			5.75
Cosbie, W. G.	38.50			38.50
Cosens, G. G.		15.00		15.00
Couch, J. H.	45.00			45.00
Courtice, H. A.			6.00	6.00
Cowling, T.	85.00			85.00
Cox, M. A.	24.20			24.20
Coxeter, H. S. M.		21.00		21.00
Craigie, E. H.		18.00		18.00
Crerar, S. R.	5.25			5.25
Crocker, B. F.	9.00			9.00
Crossley, Miss K. M.		39.00		39.00
Crouch, S. S.	41.25			41.25
Crowe, J. M.			6.00	6.00
Dale, T. R.			9.00	9.00
Daley, M.			3.00	3.00
Danis, J. T.	51.50			51.50
Dauphinee, J. A.	86.00			86.00
Davey, A.	18.00			18.00
Davidson, A. C.			9.00	9.00
Davis, H. M.			18.00	18.00
Dean, J. H.			19.50	19.50
DeLury, D. B.	7.50			7.50
Detweiler, H. K.	94.25			94.25
Dillick, Sidney			21.00	21.00
Dodington, E. L.			33.00	33.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Dore, Rev. J. W.		21.00		21.00
Drummond, W. M.	20.50			20.50
Duff, T. A. J.	45.00			45.00
Dulmage, L.			19.50	19.50
Dunbar, W. B.		33.00		33.00
Dwight, T. W.	5.25	15.00		20.25
Dyce, E. J.	11.00			11.00
Dymond, J. R.	2.75			2.75
Edwards, G. R.			7.50	7.50
Elliott, D. R.			6.00	6.00
Elliott, H. C.	6.55			6.55
Elson, P. F.			21.00	21.00
Endicott, N. J.	18.00			18.00
Evans, Rev. K. C.		9.00		9.00
Ewens, F. G.			6.00	6.00
Falconer, J. G.	50.00			50.00
Farquharson, R. F.	94.50			94.50
Farrar, C. B.	45.25			45.25
Farrell, P. C. J.			21.00	21.00
Ferguson, F. L.	6.50			6.50
Finkelman, Jacob	11.75			11.75
Fletcher, A. A.	45.00			45.00
Ford, N. H. C.	10.50			10.50
Ford, Dr. Norma	5.00			5.00
Forward, Miss D. F.	6.00			6.00
Fowler, W. J. R.	20.00			20.00
Fraser, D. T.	5.50			5.50
Fraser, W. C. G.			22.50	22.50
Fuller, S.			21.00	21.00
Fulmer, H. L.	15.25			15.25
Funnell, W. S.	8.75			8.75
Gaby, R. E.	45.00			45.00
Gallie, W. E.	5.75			5.75
Gardiner, W. J.	16.00			16.00
George, Ruggles, K.	11.13	6.00		17.13
Gilchrist, L.	5.00			5.00
Glover, J. S.	20.00			20.00
Godfrey, R. J.	1.25			1.25
Goggio, E.	30.63	18.00		48.63
Gordon, S. D.	5.00			5.00
Goudge, T. A.	5.75			5.75
Gould, S. H.	7.25	21.00		28.25
Graham, J. E. L.			22.50	22.50
Graham, J. W.	45.00			45.00
Graham, R. R.	52.75			52.75
Grant, R. R.	7.50			7.50
Gray, K. G.	12.99			12.99
Greason, J. W.			6.00	6.00
Griffith, B. A.	11.00	18.00		29.00
Guess, G. A.	33.75			33.75
Gunvaldsen, K. M.	30.50	45.00		75.50
Hally, G. H.		21.00		21.00
Ham, A. W.	5.25			5.25
Hamilton, D. E.	8.13			8.13
Hamilton, F. C.	45.00			45.00
Hamilton, F. W.	7.75			7.75
Hamilton, P. B.		3.00		3.00
Hamly, D. H.		21.00	4.50	25.50
Hancock, J. E. M.	21.50			21.50
Hancock, M. L.	6.50			6.50
Hare, F. A.		21.00		21.00
Hargreaves, Miss M. M.		45.00	57.00	102.00
Harkness, W. J. K.	2.50			2.50
Harris, C. W.	45.00			45.00
Hart, C. W. M.	11.50	21.00		32.50
Havelock, E. A.	6.25			6.25
Heard, J. F.	5.25			5.25

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Hedman, T.	10.25			10.25
Helwig, C. E.			6.00	6.00
Henderson, V. E.	14.25			14.25
Henderson, V. L.	7.00	18.00		25.00
Hepburn, John	94.25			94.25
Herings, Miss L.	3.25			3.25
Hewer, W. A. M.			6.00	6.00
Hicks, R. K.	2.50			2.50
Hodgins, L. C. A.	6.50			6.50
Hodgson, G. T.			6.00	6.00
Hodgson, T. H.	27.50			27.50
Hogg, F. S.	10.75			10.75
Holderman, Miss B.			22.50	22.50
Holman, W. L.	5.50			5.50
Horembala, L. E.	4.50			4.50
Hosie, R. C.	5.25	24.00		29.25
Howe, M. W.			6.00	6.00
Howitt, J. E.	5.50			5.50
Howland, G. W.	45.00			45.00
Hoy, T.			7.50	7.50
Hughes, F. N.	44.50			44.50
Humphreys, H. L.	19.50	21.00		40.50
Hunter, A.	5.50			5.50
Hurst, R. O.	122.00			122.00
Innis, H. A.	6.25			6.25
Ireton, H. J. C.		21.00		21.00
Jackson, K. B.	5.25			5.25
Janes, R. M.	45.00			45.00
Jaques, R.			15.00	15.00
Jennings, I. L.			6.00	6.00
Johnson, Herbert	6.25			6.25
Johnston, G. B.			3.00	3.00
Johnston, J. R.			27.00	27.00
Jones, L. E.			4.50	4.50
Jones, T. H.	6.50			6.50
Joos, M.		18.00		18.00
Keegan, R.	8.38			8.38
Keeler, G. T.			31.50	31.50
Kelley, Miss A. M.	4.00			4.00
Kendall, E. W.	3.25			3.25
Kennedy, W. P. M.	16.25			16.25
Kenrick, F. B.	21.25			21.25
Kerr, R. B.	45.00			45.00
Ketchum, J. D.	5.00			5.00
Kilburn, L. A.	24.25			24.25
King, J. T.	5.25			5.25
Kingston, Rev. G. F.	6.00	12.00		18.00
Kirkwood, Mrs. M. M.	2.50			2.50
Kirkwood, W. A.	2.88			2.88
Knox, R. G.	10.50			10.50
Knox, R. S.	5.50			5.50
Kreutzer, J.	38.60			38.60
Krieger, Miss C. C.	11.50			11.50
Krueger, L. F.	26.50			26.50
Kuitunen, Mrs. E.			22.50	22.50
Lacey, A.		15.00		15.00
Laidlaw, R. E.	5.75			5.75
Laing, Miss J. C.	5.25	6.00		11.25
Laird, R. C.	50.00			50.00
Lamon, Miss F. E.			25.50	25.50
Lane, W. B.	5.25			5.25
Langford, G. B.	5.25			5.25
Langford, R. R.	9.25	12.00		21.25
Larochelle, Miss B.	5.38			5.38
Lauchland, L. S.	5.50		6.00	11.50
Lazier, M. J. C.	28.75			28.75
LeBel, Rev. E. C.	7.50			7.50

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Ledoux, Mme. J.		51.00		51.00
Leeson, Miss H. E.			1.50	1.50
Legget, R. F.		27.00		27.00
Lehmann, A. J. V.	11.25			11.25
Lewis, E. P.	29.75			27.95
Lewis, F. I.	45.00			45.00
Lindsley, Miss D. M.	1.83			1.83
Lingren, C. E.			4.50	4.50
Lord, G. R.	10.75			10.75
Lorriman, F. R.	7.00			7.00
Lott, F. M.	15.00			15.00
Loudon, J. D.	45.00			45.00
Loudon, T. R.	12.00			12.00
Lougheed, Miss A.	23.50	3.00		26.50
Low, D. M.	24.00			24.00
Lowry, W. H.	27.50			27.50
McAndrew, W. J.	5.50			5.50
MacArthur, J. W.	3.13			3.13
MacCallum, H. R.	1.75			1.75
McConkey, O.	19.62			19.62
McCullough, W. S.	23.75	60.60		84.35
McCurdy, W. J.	13.00	12.00		25.00
McDonald, J. L.	45.00			45.00
MacDonald, Miss M. D.	13.00	36.00		49.00
Macdonald, W. C.			15.00	15.00
McDougall, D. J.	10.00			10.00
McElheran, N. B.			22.50	22.50
MacGillivray, J. R.	18.75			18.75
McGilvray, C. D.	40.00			40.00
McInnis, E. W.	5.25			5.25
McIntosh, R. A.	30.50			30.50
McIntosh, W. G.	43.50			43.50
McIntyre, R. B.	5.25			5.25
MacKay, L. A.	2.88	18.00		20.88
Mackay, W. L.			16.50	16.50
MacKenzie, D. E.	13.00			13.00
McKenzie, K. G.	17.75			17.75
MacKenzie, N. A. M.	10.00			10.00
MacLachlan, J. D.	16.00			16.00
McLaughlin, R. R.	6.25			6.25
MacLean, A.	5.25			5.25
McLean, E. C.	17.25			17.25
MacMillan, Sir Ernest	46.75			46.75
McMurray, M.			10.50	10.50
McMurrich, Miss K. I.	11.38			11.38
McPhedran, J. H.	45.00			45.00
McPhedran, W. F.	45.00			45.00
Macpherson, C. B.		21.00		21.00
McRostie, G. P.	16.75			16.75
McTaggart, H. A.	5.25			5.25
Madill, H. H.	1.75	18.00		19.75
Magner, Wm.	7.19			7.19
Maltby, E. J.	50.00			50.00
Manning, R.			18.00	18.00
Marks, B.			4.50	4.50
Martin, W. H.	7.75			7.75
Mason, A. D. A.	5.25			5.25
Meen, Miss M. K.			6.00	6.00
Melson, J. W.	5.50			5.50
Mendelsohn, N.			24.00	24.00
Millman, P. M.	5.25	21.00		26.25
Misener, A. D.		21.00	3.00	24.00
Mitchell, C. H.	5.25			5.25
Moffatt, R. C.	41.50	45.00		86.50
Mohun, W. A.			4.50	4.50
Montgomery, E.	14.75			14.75
Montgomery, R. J.		30.00		30.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Moore, E. S.	7.75			7.75
Morley, Miss S. G.		21.00		21.00
Morrison, C. F.	21.37	24.00		45.37
Muckle, Rev. J. T.	6.25			6.25
Mueller, Miss V. E.		33.00		33.00
Munro, R. M.			6.00	6.00
Myers, C. R.	21.75			21.75
Neal, G. M.			21.00	21.00
Needler, Miss M. C.	8.25			8.25
Newcombe, J. A.	10.25	15.00		25.25
Norman, J. A.			6.00	6.00
Okulitch, V. J.	9.13			9.13
Oille, John A.	45.00			45.00
O'Toole, Rev. W. B.	3.63			3.63
Ozburn, R. H.	18.00			18.00
Parker, C. B.	38.00			38.00
Parker, J. H.	21.50		21.00	42.50
Parker, W. E. B.			6.00	6.00
Parkes, Miss A. E. M.		27.00		27.00
Parkinson, J. F.	5.25			5.25
Parks, A. E.	45.00			45.00
Paul, E. W.	43.75			43.75
Phelan, Rev. G. B.	5.25			5.25
Philpot, F. W.			12.00	12.00
Plummer, Miss H. C.	5.25			5.25
Plumptre, A. F. W.	7.00			7.00
Porter, A. M.		6.00		6.00
Pounder, I. R.	12.00			12.00
Pratt, D. W.	45.00			45.00
Pratt, E. J.	34.75			34.75
Pratt, Mrs. V. L.		45.00		45.00
Price, Dr. R. Margarite		24.00		24.00
Quinlan, Miss F. M.	11.00	69.00		80.00
Rae, J. J.	32.50			32.50
Rapson, W. H.			6.00	6.00
Raithby, G. E.	24.50			24.50
Reaman, G. E.	17.25			17.25
Reed, Miss E. J.	1.00	3.00		4.00
Reid, Miss H.			22.50	22.50
Reid, J. E.	10.75			10.75
Reid, Spence	45.00			45.00
Rice, A. D.			4.50	4.50
Rice, W. G.			3.00	3.00
Richards, G. E.	5.25			5.25
Richardson, S. M.	5.75			5.75
Ricker, E. A.			7.50	7.50
Riddell, R. G.		21.00		21.00
Riddle, Miss W. C.	5.25	84.00		89.25
Risdon, F. E.	9.50			9.50
Roberts, Miss J. E.	5.25			5.25
Robertson, S. R.			39.00	39.00
Robinson, D. A. F.		18.00		18.00
Robinson, G. de B.	19.25			19.25
Robinson, T. A.	45.00			45.00
Robinson, W. L.	12.99			12.99
Rogers, L. J.	5.25			5.25
Romeyn, J.		30.00		30.00
Ross, Mrs. Janet			31.50	31.50
Ross, J. W.	45.00			45.00
Rous, C. C.	10.75			10.75
Rowan, J.			19.50	19.50
Rowe, T. L.			6.00	6.00
Rubin, M.		12.00		12.00
Ruhnke, G. N.	14.75			14.75
Russell, L. S.	5.25			5.25
Ryder, Miss V. L.			24.00	24.00
Ryerson, E. S.	121.00			121.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Sagar, W. L.	21.00			21.00
Satterly, J.	5.25			5.25
Satterly, Jack	10.25			10.25
Saunders, R. M.	12.00	21.00		33.00
Schofield, F. W.	45.25			45.25
Scott, D. P.			12.00	12.00
Scott, Dr. Paul L.	25.25			25.25
Scott, T. N.		3.00		3.00
Scott, Wm. A.	75.75			75.75
Secord, W. E.	16.50			16.50
Shanks, G.	7.19			7.19
Shaw, J. E.	7.75			7.75
Shenstone, N. S.	45.00			45.00
Shepherd, A. L.		27.00		27.00
Shilton, Miss R.	10.50			10.50
Shore, T. C.		21.00		21.00
Shouldice, E. E.	45.00			45.00
Shutt, D. B.	7.75			7.75
Skeoch, L. A.			36.00	36.00
Smallfield, H. A.	7.75			7.75
Smith, C. G.	5.25			5.25
Smith, Miss F. A.	9.50			9.50
Smith, H. G.	2.75			2.75
Smith, I. W.			7.50	7.50
Smith, Leo	98.62			98.62
Smith, Miss M. D.	2.25			2.25
Smith, R. E.		21.00		21.00
Smith, V. G.	16.75	30.00		46.75
Snyder, E. S.	28.75			28.75
Spence, C. D.			25.00	25.00
Spence, J. J.		15.00		15.00
Springbett, B. M.			21.00	21.00
Sproule, W. H.	15.50			15.50
Staples, W. E.	5.50	21.00		26.50
Stewart, F. B.	6.50			6.50
Stillwell, E. C.	16.75			16.75
Stogdill, C. G.	5.00			5.00
Stott, J. E.			6.00	6.00
Synge, J. L.	10.25			10.25
Tait, M. D. C.		18.00		18.00
Taylor, Griffith	26.00			26.00
Taylor, J. C.		45.00		45.00
Taylor, N. B.	5.75			5.75
Taylor, R.	7.25			7.25
Taylor, T. M. C.	6.50			6.50
Taylor, W. R.	16.50			16.50
Thomas, M. H.			9.00	9.00
Thomson, E.	5.25	33.00		38.25
Thompson, J. E.	3.38	18.00		21.88
Tobin, F. J.	1.00		25.00	26.50
Toomer, J. E.		30.00		30.00
Treadgold, W. M.	5.50	15.00		20.50
Trethewey, W. H.	6.75	15.00		21.75
Turner, R. M.	.50			.50
Turrall, W. T.		15.00		15.00
Urquhart, R. W. I.	9.63			9.63
Van Wyck, H. B.	50.00			50.00
Waddell, Miss M. E. G.	22.75	24.00		46.75
Walker, Miss E. I.	1.83			1.83
Walker, E. M.	3.13			3.13
Wallace, W. A.			6.00	6.00
Walter, Mrs. D.	2.50			2.50
Walton, W. M.			22.50	22.50
Wardell, A.		69.00		69.00
Warner, W. P.	10.00			10.00
Wasteneys, H.	31.75			31.75
Waters, E. T.	12.00			12.00

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Watson, C. H.	45.00			45.00
Watt, J. C.	6.50	6.00		12.50
Wayman, M.			1.50	1.50
Weatherburn, A. S.			4.50	4.50
Welsh, W. K.	33.75			33.75
Wenzel, J.			1.50	1.50
Wetmore, F. E. W.	18.00			18.00
Wey, J. C.	5.63			5.63
White, J. H.		15.00		15.00
Wilhelm, J. O.		63.00		63.00
Willan, Healey	103.62			103.62
Willard, Miss A. C.	7.75			7.75
Williams, C. H. M.	26.50			26.50
Williams, D. C.			22.50	22.50
Wilson, G. E.	95.00			95.00
Winnett, F. V.	2.75	21.00		23.75
Wiren, R. C.	5.50	18.00		23.50
Wishart, D. E. S.	45.00			45.00
Wishart, F. O.	5.25			5.25
Wolfe, S. E.		21.00		21.00
Wolff, F. E.		45.00		45.00
Woodcock, J. N.	3.63			3.63
Woodhouse, A. S. P.	5.50			5.50
Woodside, M. St.		21.00		21.00
Wookey, H. W.	62.75			62.75
Workman, Miss G. W.			22.50	22.50
Wright, G. F.	5.25			5.25
Wright, W. J. T.	5.50			5.50
Wynne, A. M.	11.25			11.25
Young, C. R.	16.63			11.63
Young, Miss J. E.		6.00		6.00
Young, T. C.	7.50			7.50
Zimmer, A .R.	13.00	24.00		37.00
	$ 6,911.35	$ 2,577.60	$ 1,510.50	$10,999.45

Apportionment

	Remuneration to Examiner	Presiding Officer	Attendance	Totals
Arts	$ 854.31	$ 1,185.00	$ 859.50	$ 2,898.81
Medicine	3,174.04	186.00	154.50	3,514.54
Applied Science	612.00	621.00	355.50	1,588.50
Dentistry	722.25	90.00	58.50	870.75
Household Science	53.50	12.00		65.50
Forestry	26.25	69.00		95.25
Music	248.99	57.60	1.50	308.09
School of Nursing	15.00	42.00	13.50	70.50
Social Science		54.00	4.50	58.50
University Extension	72.01			72.01
Pharmacy	292.00	33.00	60.00	385.00
Agriculture	582.50	186.00		768.00
Veterinary Science	185.25	27.00		212.25
Law	73.25	15.00	3.00	91.25
	$ 6,911.35	$ 2,577.60	$ 1,510.50	$10,999.45

Remuneration to examiners (as detailed above)		$ 6,911.35
Presiding and attendance (as detailed above)		4,088.10
Honoraria for special services as a Revising Committee:		
Prof. W. J. McAndrew, $100; Prof. H. Bennett, $100; Prof. J. N. Woodcock, $100; Rev. B. F. Sullivan, $100		400.00
Examination supplies and sundries ($2,884.07):		
Engrossing diplomas, etc.: G. B. Pritchard, $488.25; S. Harrod, $330.55	$ 818.80	
University Press, diplomas, examination books, etc.	1,742.30	
Accounts under $10.00 (6)	23.44	
Superintendent's Dept., labour, $259.10; material, $40.43	299.53	
		2,884.07
Printing examination papers and class lists:		
University Press		5,440.38
		$19,723.90
Less credit for sale of examination books, etc.		83.63
		$19,640.27

VI. FACULTY OF ARTS

22. Salaries.

(1) Departments in University of Toronto ($621,736.32)

Dean's Office.

S. Beatty, Dean (paid also $5,500 as Professor and $34 for Extension Work)	$ 1,000.00	
		$ 1,000.00

Mathematics

Professors:	
S. Beatty (paid also $1,000. as Dean)	$ 5,500.00
I. R. Pounder (paid also $64 for Extension Work)	4,500.00
Associate Professors:	
W. J. Webber	4,100.00
N. E. Sheppard (paid also $500 as honorarium for actuarial services re Pension Scheme)	3,900.00
D. A. F. Robinson	3,400.00
Assistant Professors:	
J. D. Burk	2,700.00
G. deB. Robinson	2,700.00
Richard Brauer (paid also $420 for Extension Work)	2,700.00
H. S. M. Coxeter (paid also $300 for Extension Work)	2,700.00

Lecturers (Sessional):		
Miss C. Krieger	2,100.00	
Miss M. E. G. Waddell (paid also $420 for Extension Work)	2,000.00	
D. B. DeLury (paid also $300 for Extension Work	1,900.00	
D. C. Baillie	1,500.00	
Senior Fellows (Sessional):		
R. H. Bruck	700.00	
C. D. Solin	700.00	
Junior Fellows (Sessional):		
L. Dulmage	600.00	
E. A. Birkinshaw	600.00	
W. C. Fraser	600.00	
N. S. Mendelsohn	600.00	
		$ 43,500.00

Applied Mathematics.

J. L. Synge, Professor	$ 6,000.00	
A. F. C. Stevenson, Associate Professor	3,800.00	
Leopold Infeld, Assistant Professor	2,500.00	
B. A. Griffith, Lecturer (Sessional)	2,200.00	
Fellows (Sessional):		
P. R. Wallace	700.00	
A. W. Walker	500.00	
		$ 15,700.00

Physics.

Professors:	
E. F. Burton, also Director of Physical Laboratory	$ 5,500.00
J. Satterly	5,000.00
L. Gilchrist	4,500.00
H. A. McTaggart	4,400.00
Associate Professors:	
H. Grayson Smith	3,600.00
D. S. Ainslie (paid also $100 for Extension Work)	3,200.00
H. J. C. Ireton	3,200.00
Assistant Professors:	
J. O. Wilhelm } paid also $100 each from Special Fund	2,900.00
C. Barnes	2,700.00
M. F. Crawford	2,700.00
Arnold Pitt (paid also $250 for Extension Work)	2,450.00
Lecturers (Sessional):	
Miss E. J. Allin	2,100.00
Miss K. M. Crossley (paid also $100 for Extension Work)	1,600.00
Miss F. M. Quinlan (paid also $100 for Extension Work)	1,600.00
Lecturers and Demonstrators (Sessional):	
J. M. Anderson (paid also $300 for Extension Work)	1,500.00
A. D. Misener	1,500.00
R. Richmond (paid also $300 for Extension Work)	1,200.00
W. H. Kohl, Special Lecturer (Sessional)	200.00
Honorary Special Lecturers (Sessional—without salary):	
B. Haurwitz	
E. W. Hewson	
W. E. K. Middleton	
J. Patterson	
A. Thomson	
H. L. Welsh, Demonstrator (Sessional)	1,500.00
D. B. Kennedy, Honorary Demonstrator (Sessional—without salary)	
Assistant Demonstrators (Sessional)	
S. G. Ellis	525.00
J. C. Findlay	525.00
E. P. Hincks	525.00
J. Levinson	525.00
J. V. Rigbey	525.00
G. D. Scott	525.00
J. Watson	525.00
A. R. Clark (paid also $641.30 from Special Fund)	250.00

A. Prebus, Research Assistant (Sessional—without salary)		
Miss A. T. Reed, Secretary and Class Assistant	2,000.00	
Miss N. K. Reed, Clerical Assistant and Librarian	1,200.00	
B. Clark, Mechanician	2,300.00	
Assistant Mechanicians:		
J. Ward	2,100.00	
G. T. Woodward	2,000.00	
F. M. Shepherd (paid also $5 in Department of Chemistry)	1,700.00	
Albert Owen	1,400.00	
R. H. Chappell, Glass-blower	2,800.00	
P. Blackman, Laboratory and Lecture Assistant	1,700.00	
J. A. Reid, Assistant Laboratory and Lecture Assistant	750.00	
		$ 73,225.00

Astronomy

R. K. Young, Professor, also Director of David Dunlap Observatory	$ 4,500.00	
F. S. Hogg, Assistant Professor (paid also $382 for Extension Work)	3,100.00	
Lecturers (Sessional):		
P. M. Millman (paid also $300 for Extension Work)	2,300.00	
J. F. Heard	2,050.00	
Miss R. J. Northcott, Computer and Demonstrator (paid also $100 for Extension Work)	1,250.00	
Assistants (Sessional—part time):		
A. F. Bunker	600.00	
G. H. Tidy (paid also $100 for Extension Work)	500.00	
W. F. M. Buscombe, 4 mos.	300.00	
Mrs. Helen S. Hogg, Research Associate (Sessional)	400.00	
Miss E. M. Fuller, Secretary-Librarian	1,250.00	
G. F. Longworth, Night Assistant and Machinist	1,450.00	
		$ 17,700.00

Geology.

Professors:		
E. S. Moore (paid also $100 for Summer Field Work)	$ 5,500.00	
G. B. Langford, Mining Geology	4,800.00	
A. MacLean	4,300.00	
Assistant Professors:		
L. S. Russell	2,600.00	
Dr. Madeleine A. Fritz (part time—paid also in Royal Ontario Museum)	850.00	
V. J. Okulitch, Lecturer (Sessional—paid also $50 for Summer Field Work and $205 for Extension Work)	2,000.00	
V. K. Prest, Instructor (Sessional)	1,000.00	
Class Assistants (Sessional):		
M. W. Bartley	250.00	
C. J. H. Coveney	250.00	
G. T. Keeler	250.00	
J. H. Low	250.00	
R. M. Sternberg	250.00	
W. H. White	250.00	
D. Monteith, Laboratory Attendant, 9 mos. (paid also $80 in Royal Ontario Museum)	700.00	
		$ 23,250.00

Mineralogy.

Professors:		
A. L. Parsons	$ 5,000.00	
J. Ellis Thomson (paid also $200 for Extension Work)	4,300.00	
M. A. Peacock, Associate Professor	4,000.00	
V. B. Meen, Lecturer (Sessional—paid also in Royal Ontario Museum)	1,700.00	
Assistants (Sessional—part time):		
J. S. Allen	400.00	
L. G. Berry (paid also $75 for Extension Work)	400.00	
W. Wightman, Laboratory Attendant, 9 mos. (paid also $40 for Extension Work and in Royal Ontario Museum)	900.00	
		$ 16,700.00

Chemistry.

Professors:	
F. B. Kenrick, also Head of Department	$ 5,700.00
J. T. Burt-Gerrans, Electro-Chemistry	4,500.00
A. R. Gordon	4,500.00
L. J. Rogers (paid also $10 for Extension Work)	4,500.00
W. H. Martin	4,200.00
Associate Professors:	
J. B. Ferguson	4,400.00
W. S. Funnell	4,200.00
F. R. Lorriman	3,600.00
F. E. Beamish	3,400.00
G. F. Wright	3,400.00
Lecturers (Sessional):	
F. E. W. Wetmore (paid also $200 for Extension Work)	2,400.00
J. J. Rae (paid also $420 for Extension Work)	2,300.00
Miss J. C. Romeyn, Micro-Analysis	1,500.00
Assistants (Sessional):	
Miss E. V. Eastcott	1,800.00
L. D. Finlayson	1,400.00
D. M. Burpee (paid also $50 from Chemistry Department)	799.00
M. H. Thomas (paid also $100 for Extension Work)	799.00
W. A. Tidridge	799.00
M. Wayman	799.00
Paul Olynyk	725.00
H. H. Richmond	725.00
R. W. Allgood	724.00
A. W. Birnie	724.00
D. C. Downing	724.00
E. A. Hollingshead	724.00
W. J. Hornibrook	724.00
L. T. Munn	724.00
J. L. Myers	724.00
W. J. Rogers	724.00
E. Y. Spencer	724.00
W. J. Chute	650.00
F. Cook	650.00
R. F. Donahoe	650.00
W. A. E. McBryde	650.00
H. Sheffer	650.00
J. C. Bond, Easter Term (paid also $100 from Special Fund)	175.00
Mrs. D. N. Oswald, 8 May to 8 June	100.00
Assistants for June:	
H. A. Bewick	75.00
H. E. Gunning	75.00
H. N. MacFarland	75.00
J. H. Robertson	75.00
Demonstrators, Electro-Chemistry (Sessional):	
W. A. Patterson	824.00
G. E. Willey @ $824 (resigned 8 April)	645.47
Laboratory Assistants:	
R. Fortescue (with rooms, heat and light valued at $420 as caretaker of building; overtime, $41)	1,250.00
W. Banton, $1,500 (and overtime, $15.60); Lecture Assistant $200 (paid also $20 for Extension Work)	1,700.00
Laboratory Attendants @ $10 to $14 per week:	
D. H. Renwick, 12 mos.	729.27
H. M. Davis, 41 weeks	553.50
A. Van Winckel, 51½ weeks	535.00
E. Chadwick, 25 weeks	275.00
G. Wood. 14 weeks 4 days	146.67
F. H. Twigg, 153½ hrs. @ 44c per hr.	67.54
Mrs. C. McCallum, 56¼ hrs. @ 32c per hr. (see also Organic Chemistry)	18.00
	$ 73,531.45

Organic Chemistry Research:		
Hermann O. L. Fischer, Professor (paid $5,000 from Special Fund)	....	
Erich Baer, Assistant Professor	$ 3,000.00	
J. M. Grosheintz, Research Associate	2,040.00	
Miss S. Platt, Assistant, 4 mos.	320.00	
R. MacDougall, Chemical Technician	780.00	
Mrs. C. McCallum, Laboratory Attendant, 78¼ hrs. @ 32c per hr. (paid also $350 in Pathological Chemistry—see also above)	250.00	
		$ 79,921.45

Biology.

Professors:	
E. M. Walker, Invertebrate Zoology; also Head of Department	$ 5,500.00
W. H. Piersol, Histology and Embryology, @ $5,100., of which half charged to Anatomy	2,550.00
J. R. Dymond	4,300.00
A. G. Huntsman, Marine Biology (without salary)	....
Associate Professors:	
A. F. Coventry (paid also $200 as Special Lecturer in Medicine)	4,000.00
W. H. T. Baillie	4,000.00
J. W. MacArthur	4,000.00
E. H. Craigie	3,650.00
W. J. K. Harkness	3,550.00
Assistant Professors:	
Dr. Norma H. C. Ford	3,050.00
K. C. Fisher	2,850.00
F. P. Ide	2,300.00
Lecturers (Sessional):	
F. E. J. Fry (paid also $1,250 in Special Research)	900.00
R. R. Langford (paid also $1,250 in Special Research and $420 for Extension Work)	900.00
Demonstrators (Sessional):	
C. W. J. Armstrong	900.00
Miss V. E. Engelbert	900.00
Assistants (Sessional):	
Miss R. D. C. Martin	500.00
K. Graham	450.00
W. A. Kennedy	400.00
J. S. Hart	300.00
W. M. Sprules	300.00
D. G. Wilder	300.00
E. D. Winchester	275.00
Miss D. W. Kirk (paid also $400 in Botany and $100 in Special Research)	200.00
H. M. Rogers (paid also $450 in Special Research)	200.00
Mrs. Isobel Radforth	165.00
V. E. F. Solman	150.00
Mrs. Margaret Haist, Michaelmas Term	100.00
P. F. Elson	160.00
J. R. Brett	50.00
G. H. Clawson } Easter Term	50.00
J. J. Miller	50.00
C. L. Peterson	50.00
A. Quantrill, Mechanical Technician	1,500.00
T. Stovell, Microscopic Technician	950.00
S. Clare, Assistant, Experimental Biology	950.00
Mrs. Audrey H. Shortt, Photographer, 10 mos. (paid also in Royal Ontario Museum and $11.65 in Department of Antomy)	800.00
E C. Cross, Secretary (paid also in Royal Ontario Museum)	1,800.00
W. J. LeRay, Curator of Vivarium	1,750.00
D. G. LeRay, Assistant in Vivarium (paid also $42 in Department of Psychology)	800.00
A. Wilson, Chief Laboratory Assistant	1,050.00
W. Smith, Laboratory Attendant and Stores Assistant	900.00

A. Prince, Laboratory Attendant (paid also $50 for Extension Work)	450.00	
Secretarial Assistants:		
Mrs. Helen Johnson	1,200.00	
Miss E. Caesar, 9 mos.	720.00	
Stenographer and Librarian:		
Miss P. Foreman @ $1,050 (on leave of absence without salary from 1 September)	175.00	
Miss J. E. Macfarlane, 10 mos. (vice Miss Foreman)	875.00	
		$ 60,970.00

Botany.

Professors:		
R. B. Thomson, Plant Morphology	$ 5,500.00	
H. S. Jackson, Mycology	5,200.00	
Associate Professors:		
D. L. Bailey, Plant Pathology (part time)	3,500.00	
G. H. Duff	4,100.00	
H. B. Sifton	4,100.00	
Assistant Professors:		
Dr. J. Gertrude Wright	3,000.00	
T. M. C. Taylor (paid also $466 for Extension Work)	2,800.00	
A. J. V. Lehmann, Lecturer (Sessional)	1,900.00	
W. R. Haddow, Special Lecturer (Sessional—without salary)	....	
L. C. Coleman, Associate (Sessional)	2,000.00	
Miss D. F. Forward, Assistant and Demonstrator, Plant Physiology (Sessional)	1,500.00	
D. H. Hamly, Special Demonstrator, Microscopy and Microphotography (Sessional—paid also $550 in Applied Physics and $575 in Special Research)	800.00	
M. W. Bannan, Senior Demonstrator (Sessional—paid also $200 in Special Research)	600.00	
Class Assistants (Sessional):		
A. R. Gopal-ayengar (paid also $175 in Special Research)	500.00	
B. B. Hillary (paid also $475 in Special Research)	500.00	
W. R. Watson (paid also $142.33 in Special Research)	500.00	
C. N. Haldenby (paid also $150 in Special Research and $80 for Extension Work)	450.00	
G. W. Hope	450.00	
L. T. Richardson (paid also $150 in Special Research)	450.00	
R. J. Baylis	400.00	
Miss V. Facey (paid also $120 in Special Research)	400.00	
H. M. Harrison	400.00	
Miss D. W. Kirk (see also Biology)	400.00	
C. D. McKeen (paid also $150 in Special Research)	400.00	
N. W. Radforth (paid also $100 in Special Research and $80 for Extension Work)	400.00	
Miss G. S. Taylor (paid also $750 as Assistant in Botanic Gardens)	250.00	
D. C. McPherson @ $400 (resigned 15 January)	200.00	
Dr. Kathleen L. Hull (vice D. C. McPherson—paid also $1,250 as Librarian)	100.00	
Assistants (Sessional):		
R. F. Cain, Mycological Herbarium	1,800.00	
Miss M. B. Givens, Morphology and Anatomy	1,800.00	
Miss C. B. Ross, Ecology	1,700.00	
A. Simpson, Horticulturist (with living quarters valued @ $360)	2,200.00	
L. Van Cleemput, Gardener	1,550.00	
Clerical Assistants:		
Miss L. Alward	1,400.00	
Miss R. Hobberlin	1,200.00	
Dr. Kathleen L. Hull, Librarian (see also above)	1,250.00	
P. Krotov, Herbarium Assistant (ob. 29 March—salary to 30 June paid to widow)	1,800.00	
Laboratory Attendants:		
R. Lynn	1,200.00	
S. G. Smith	1,000.00	
		$ 57,700.00

History.

Professors:		
Chester Martin, also Head of Department	$ 5,500.00	
R. Flenley (paid also $25 from University Press)	4,700.00	
F. H. Underhill (paid also $140 for Extension Work and $15 from University Press)	4,700.00	
G. W. Brown (paid also $382 for Extension Work and $400 from University Press)	4,500.00	
B. Wilkinson, Mediaeval History	4,500.00	
Associate Professors:		
G. deT. Glazebrook (paid also $150 for Extension Work and $100 from University Press)	3,850.00	
D. G. Creighton (paid also $322 for Extension Work and $100 from University Press)	3,000.00	
Assistant Professors:		
D. J. McDougall (paid also $100 for Extension Work)	2,800.00	
Edgar McInnis	2,800.00	
R. M. Saunders (paid also $682 for Extension Work and $9 from University Press)	2,500.00	
R. G. Riddell, Tutor and Lecturer (Sessional—without salary; paid $200 for Extension Work)		
E. P. Ray, Reader (Sessional)	250.00	
		$ 39,100.00

Anthropology.

T. F. McIlwraith, Professor (paid also $10 from University Press)	$ 4,500.00	
Philleo Nash, Lecturer (Sessional)	2,200.00	
C. W. M. Hart, Special Lecturer (Sessional—without salary; paid $3,100 as Assistant Professor in Political Economy)		
Mrs. Eleanor R. Long, Class Assistant (Sessional)	250.00	
		$ 6,950.00

Archaeology.

C. T. Currelly, Professor (paid also in Royal Ontario Museum)	$ 4,500.00	
Rt. Rev. W. C. White, Associate Professor (paid also in Royal Ontario Museum)	2,500.00	
Homer A. Thompson, Assistant Professor, Classical Archaeology (half time @ $2,000 for Michaelmas Term; $500 additional for Easter Term)	2,500.00	
Research Assistants, Chinese Archaeology (Sessional—without salary):		
J. C. P. Chen		
J. M. Menzies		
	$ 9,500.00	
Less charged to Royal Ontario Museum	3,000.00	
		$ 6,500.00

Fine Art.

John Alford, Professor (paid $5,000 from Special Fund)		
Peter Brieger, Assistant Professor	$ 2,500.00	
C. F. Comfort, Lecturer (Sessional—without salary)		
Peter Haworth, Instructor (Sessional—part time)	700.00	
Miss R. M. Home, Special Instructor (Sessional—without salary; paid in Royal Ontario Museum)		
Miss E. A. Hudson, Secretary-Librarian (Sessional)	600.00	
		$ 3,800.00

Geography.

Griffith Taylor, Professor, also Head of Department (paid also $2,500 in Ontario College of Education and $570 for Extension Work)	$ 4,000.00	
G. Tatham, Senior Lecturer (Sessional—paid also $255 for Extension Work)	2,200.00	
D. F. Putnam, Lecturer (Sessional—paid also $355 for Extension Work)	2,000.00	

Miss M. Brookstone, Demonstrator (Sessional—paid also $180 for Extension Work)	1,200.00	
Part-time Demonstrators (Sessional):		
W. J. Eastaugh	75.00	
Miss N. A. Hooper (paid also $80 for Extension Work)	75.00	
H. Markle	75.00	
N. B. McElheran	75.00	
		$ 9,700.00

Political Economy.

Professors:		
H. A. Innis, also Head of Department (paid also $110 for Extension Work and $5 from University Press)	$ 4,900.00	
W. T. Jackman, Transportation	4,900.00	
H. R. Kemp, Commerce, @ $4,100 (on leave of absence from September for duration of war)	1,000.03	
Ivan Wright, Visiting Professor (paid also $20 for Extension Work)	4,000.00	
Associate Professors:		
V. W. Bladen (paid also $338 for Extension Work and $418 from University Press)	4,100.00	
A. Brady (paid also $110 from University Press)	3,900.00	
R. M. Dawson (paid also $20 for Extension Work and $27 from University Press)	3,800.00	
Lorne T. Morgan (paid also $90 for Extension Work)	3,700.00	
H. A. Logan (paid also $110 for Extension Work)	3,600.00	
Assistant Professors:		
V. F. Coe @ $2,700 (on leave of absence from September for duration of war)	669.84	
D. C. MacGregor	2,700.00	
A. F. W. Plumptre (paid also $20 for Extension Work and $10 from University Press)	2,700.00	
J. F. Parkinson (paid also $210 for Extension Work)	2,600.00	
C. B. Macpherson, Lecturer (Sessional)	2,100.00	
J. G. Perold, Instructor (Sessional—paid also $20 for Extension Work)	1,500.00	
Assistants (Sessional):		
J. I. Mosher (paid also $384 for Extension Work)	1,500.00	
J. E. L. Graham	1,000.00	
R. Bellan	250.00	
Jacques-Olivier Clerc	250.00	
B. Gaynor	250.00	
L. Skeoch (paid also $20 for Extension Work)	250.00	
Accounting:		
W. S. Ferguson, Professor (part time)	2,550.00	
C. A. Ashley, Associate Professor, $3,350; Supervisor of Studies in Political Economy, $600	3,950.00	
F. R. Crocombe, Assistant Professor (paid also $420 for Extension Work)	3,450.00	
Sociology:		
C. W. M. Hart, Assistant Professor and Supervisor of Studies (see Anthropology—paid also $70 for Extension Work)	3,100.00	
S. D. Clark, Lecturer (Sessional—paid also $10 from University Press)	1,800.00	
Miss A. B. Holderman, Assistant (Sessional)	300.00	
		$ 64,819.87

Law.

Professors:		
W. P. M. Kennedy, Constitutional Law (paid also $250 from University Press)	$ 5,800.00	
N. A. M. MacKenzie, Public and Private International Law	4,500.00	
F. C. Auld, Roman Law and Jurisprudence (paid also $230 for Extension Work)	4,200.00	
Jacob Finkelman, Associate Professor	2,750.00	
J. E. M. Hancock, Lecturer (Sessional—paid also $200 for Extension Work)	1,700.00	

Special Lecturers (Sessional—without salary):		
K. G. Gray, Criminal Law and Criminology (also in Psychiatry without salary and paid $125 in Medical Jurisprudence; on leave of absence from January for duration of war)		
H. Rubin, Comparative Law		
		$ 18,950.00

Philosophy.

Professors:		
G. S. Brett @ $6,000., of which $1,000 paid in Ethics (paid also $1,000 as Dean of Graduate Studies; $30 from University Press, and $30 in Ontario College of Education)	$ 5,000.00	
F. H. Anderson (on leave of absence for Michaelmas Term)	4,600.00	
Associate Professors:		
H. R. MacCallum (paid also $450 for Extension Work)	4,200.00	
E. W. Macdonald	3,300.00	
W. Jarvis McCurdy (paid also $420 for Extension Work)	3,000.00	
T. A. Goudge, Lecturer (Sessional—paid also $104 for Extension Work)	1,700.00	
		$ 21,800.00

Psychology.

Professors:		
E. A. Bott, also Director of Laboratory (paid also $200 for Extension Work)	$ 5,000.00	
W. E. Blatz (part time—paid also $2,500 in Institute of Child Study)	2,500.00	
S. N. F. Chant (paid also $640 for Extension Work)	4,200.00	
William Line, Associate Professor (paid also $200 for Extension Work)	3,800.00	
Assistant Professors:		
J. D. Ketchum (paid also $3 from University Press)	3,000.00	
G. P. Cosgrave	2,750.00	
K. S. Bernhardt (part time—paid also $700 in Institute of Child Study and $656 for Extension Work)	2,600.00	
C. R. Myers (part time—paid also $300 for Extension Work and $100 from Special Fund)	2,300.00	
Special Lecturers (Sessional):		
K. H. Rogers (paid also $20 in Social Science and $50 for Extension Work)	300.00	
J. D. M. Griffin (also in Paediatrics and Psychiatry without salary)	200.00	
G. W. Anderson (paid also $150 in Psychiatry)	100.00	
C. G. Stogdill (paid also $150 in Psychiatry and $100 in School of Nursing)	100.00	
Miss M. D. Salter, Instructor (Sessional—paid also $500 from Special Fund)	600.00	
Class Assistants (Sessional):		
F. J. Tobin (paid also $50 for Extension Work)	500.00	
Miss N. Loeb	400.00	
E. S. W. Belyea (paid also $300 for Extension Work)	300.00	
Miss K. Harvie	300.00	
P. C. McCabe	300.00	
Miss D. A. Millichamp (paid also $1,500 in Institute of Child Study)	300.00	
Miss M. L. Northway (part time—paid also $500 from Special Fund)	300.00	
B. M. Springbett (paid also $75 for Extension Work)	300.00	
D. C. Williams (paid also $300 for Extension Work)	300.00	
Miss M. J. Wright	300.00	
Readers (Sessional):		
Mrs. Magda B. Arnold	200.00	
Miss P. B. E. Duff	200.00	
E. Signori	200.00	
G. C. Cooper, Technician	2,300.00	
	$ 33,650.00	
Less paid by School of Nursing	300.00	
		$ 33,350.00

Italian and Spanish.

Professors:		
M. A. Buchanan	$ 6,000.00	
J. E. Shaw	6,000.00	
Emilio Goggio	4,500.00	
Associate Professors:		
G. C. Patterson	3,800.00	
J. Cano (paid also $200 for Extension Work)	3,800.00	
Instructors (Sessional):		
B. Barclay	1,500.00	
J. H. Parker	1,500.00	
		$ 27,100.00

(2) Departments in University College ($159,262.50)

Classics.

Gilbert Norwood, Professor, also Director of Classical Studies	$ 6,250.00	
(a) Greek:		
E. T. Owen, Professor (paid also $35 from University Press)	4,700.00	
Associate Professors:		
D. E. Hamilton	4,200.00	
M. D. C. Tait (paid also $450 for Extension Work)	3,600.00	
(b) Latin:		
Professors:		
G. Oswald Smith	5,000.00	
E. A. Dale @ $4,500., of which half paid by Trinity College from 1 October (paid also $10 for Extension Work)	2,812.50	
L. A. MacKay, Assistant Professor (paid also $420 for Extension Work)	3,250.00	
(c) Greek and Roman History:		
C. N. Cochrane, Professor (also Dean of Residence, with free house, heat and light valued @ $300)	4,500.00	
Miss Mary C. Needler, Assistant Professor (paid also $10 for Extension Work)	2,700.00	
		$ 37,012.50

English.

Professors:		
M. W. Wallace (paid also $1,500 as Principal of University College)	$ 6,000.00	
R. S. Knox	4,900.00	
J. F. Macdonald	4,500.00	
E. K. Brown (paid also $210 for Extension Work and $200 from University Press)	4,200.00	
A. S. P. Woodhouse (paid also $200 from University Press)	4,200.00	
W. H. Clawson, Associate Professor	3,900.00	
Assistant Professors:		
N. J. Endicott (paid also $300 for Extension Work)	2,900.00	
J. R. MacGillivray (paid also $416 for Extension Work and $40 from University Press)	2,800.00	
A. E. Birney, Lecturer (Sessional—paid also $870 for Extension Work)	2,100.00	
		$ 35,500.00

French.

Professors:	
F. C. A. Jeanneret	$ 5,500.00
J. S. Will	5,000.00
St. E. de Champ (paid also $200 for Extension Work)	4,500.00
Associate Professors:	
W. J. McAndrew (paid also $800 as Registrar of University College)	3,700.00
H. L. Humphreys	3,600.00
Assistant Professors:	
J. G. Andison (paid also $480 for Extension Work)	3,300.00
R. D. C. Finch (paid also $300 for Extension Work)	3,250.00
C. D. Rouillard	3,000.00

Lecturers (Sessional):		
Miss A. C. Cole (paid also $148 for Extension Work)	2,350.00	
G. L. Assie	2,000.00	
J. A. Houpert (paid also $700 for Extension Work)	2,000.00	
Miss I. G. Balthazard	1,800.00	
Miss M. D. MacDonald (paid also $200 for Extension Work)	1,800.00	
		$ 41,800.00

German.

Barker Fairley, Professor, also Head of Department	$ 6,000.00	
Thure Hedman, Associate Professor	4,000.00	
Assistant Professors:		
G. E. Holt	3,450.00	
H. Boeschenstein (paid also $250 for Extension Work)	2,800.00	
Martin Joos, Lecturer (Sessional)	2,000.00	
		$ 18,250.00

Semitics.

Professors:		
W. R. Taylor	$ 5,500.00	
T. J. Meek	5,500.00	
Assistant Professors:		
F. V. Winnett	3,000.00	
W. S. McCullough	2,800.00	
M. T. Newby, Reader (Sessional)	300.00	
		$ 17,100.00

Ethics.

G. S. Brett, Professor (see also Philosophy)	$ 1,000.00	
		$ 1,000.00

University College General.

M. W. Wallace, Principal (see also English)	$ 1,500.00	
Miss M. B. Ferguson, Dean of Women (with living valued @ $400)	2,500.00	
W. J. McAndrew, Registrar (see also French)	800.00	
Assistant to Registrar @ $1,050:		
Miss R. Gregory (resigned 31 October)	350.00	
Miss E. H. McAndrew (vice Miss Gregory)	700.00	
Miss C. Tocque, Stenographer in University College	1,400.00	
Miss M. Blackburn, Secretary in Registrar's Office	1,350.00	
		$ 8,600.00
		$780,998.82

23. Mathematics.

Supplies and Apparatus ($142.39):		
American Mathematical Society, dues	$ 28.03	
D. Gestetner, ink, stencils, etc.	36.00	
Robbins and Townsend, used typewriter	37.50	
University Press, printing and stationery	40.86	
Clerical Assistance:		
W. C. Fraser, 144 hours	86.40	
		$ 228.79

24. Applied Mathematics.

Supplies and Apparatus ($186.87):		
American Institute of Physics, reprints	$ 64.48	
Murdock Stationery, paper	18.50	
Oral Health Publishing, reprints	13.50	
Postage	7.00	
Roneo Co. of Canada, stencils, paper	41.17	
University Press, printing and stationery	35.75	
Accounts under $10 (3)	6.47	
Clerical Assistance:		
Miss Reita Maunder, 40 weeks	400.00	
		$ 586.87

25. Physics.

Laboratory and workshop supplies ($5,474.19):

Aikenhead Hardware, hardware	$	175.46
Allen Mfg. Co., laundry		24.24
American Phenolic Corp., panel, chemicals		12.22
Anaconda American Brass, brass rod, metals		145.75
Baird Tatlock (London) Ltd., terminals		18.01
Bakelite Corporation, tubing, panels		12.92
Big "A" Co., Ltd., casters		11.44
W. E. Booth Co., Ltd., lantern plates, films, chemicals, etc.		257.55
British Drug Houses Ltd., chemicals		75.93
Cambasco Scientific Co., film, filter		30.64
Canada Metal Co., Ltd., castings		61.27
Canada Wire & Cable Co., Ltd., wire		28.26
Canadian Carborundum Co., Ltd., abrasives		25.55
Canadian Electrical Supply, lamps, transformers, etc.		65.00
Canadian General Electric, lamps, transformers, etc.		42.51
Canadian Industries Ltd., acids		17.74
Canadian Johns-Manville Co., Ltd., millboard		14.60
Canadian Laboratory Supplies, chemicals, glassware		80.81
Canadian National Carbon, projector carbons		30.34
W. A. Carveth & Co., switches, microscopes		228.35
Central Scientific Co., glassware, tubing, chemicals		394.36
Codex Book Co., Inc., paper		14.17
Corning Glass Works, filter, tubing		15.73
Davis Automatic Controls Co., rheostats		14.79
Dominion Oxygen Co., gas		379.91
Driver Harris Co., wire		11.62
T. Eaton Co., films, chemicals tank, absorbent cotton, etc.		15.39
Eastman Photographic Stores, chemicals, films, etc.		80.41
Egyptian Lacquer Mfg. Co., lacquer		11.14
Eimer and Amend, chemicals		10.38
Exide Batteries Ltd., batteries		335.40
Fulton Syphon Co., bellows		29.29
Gevaert (Canada) Ltd., photo paper		48.38
Griffin and Tatlock, phials, magnets, etc.		47.97
Gutta Percha and Rubber, Ltd., tubing		17.79
Adam Hilger, Ltd., rods, glass prisms, etc.		452.06
Imperial Oil Ltd., oil		23.52
International Resistance Co., resistors, rheostats, etc.		33.78
Kimble Glass Co., tubing		116.24
Lake Simcoe Ice and Fuel, ice		50.09
J. E. Margison, mercury		11.25
Masco Co., Ltd., switches		16.99
Modern Aluminum and Brass Co., castings		10.15
McBain Foundry, castings		24.71
W. R. McKee, motor repairs		47.30
Nicholls Chemical Co., caustic soda		22.40
Peckover's Limited, wire, metal, pipe		25.17
H. W. Petrie Co., repairing lathes		75.00
Thos. Pocklington Co., graph paper		12.00
Postage		44.58
Pratt and Whitney of Canada, carbon drills		59.05
W. G. Pye & Co., prisms, spirals		54.09
Robbins and Townsend, typewriter maintenance		15.90
Rolls and Darlington, chemicals		19.89
Roneo Company of Canada, stencils, ink		68.62
J. H. Ryder Machinery Co., friction for lathe		25.25
Ryerson Press, insurance and other charges on shipping tube to Holland for repairs		35.10
Stupakoff Laboratories Inc., filament		19.84
S. Smythe, sand		13.50
Split Ballbearing Corporation, ball bearing		13.48
Toronto Hydro Electric, power		174.90
S. Tyzack & Son Ltd., screws and nuts		10.15
Wholesale Radio Co., Ltd., batteries, fuses, radiotrons, etc.		96.37
University Press, printing and stationery		261.29
Accounts under $10 (42)		210.00

Sundry disbursements by department:	
Seminar teas, $26.45; hardware, stationery, etc., $33.03; sundries, $6.97	66.45
Superintendent's Dept., freight, $106.65; labour, $123.36; material, $349.74	579.75
Apparatus ($1,906.40):	
A. & A. Radio Service Supply Co., graphoscope	126.50
Bausch and Lomb Optical Co., disc, cylinder, prisms	85.75
Canadian Fairbanks Morse Co., micrometer head, and repairs	61.47
Canadian General Electric, rectifier, motor	29.43
Central Scientific Co., hyvac pump, vacuum pump, special tube	354.27
Corning Glass Co., filter	18.43
G. Cussons Ltd., clamps, etc.	113.89
Ferranti Electric, voltmeter	17.95
Fischer and Porter Co., rotometer	26.26
General Radio, portentiometers, resistance units	20.49
Griffin and Tatlock, stop clocks	80.81
International Resistance Co., rheostat	13.96
G. W. MacFarlane, condenser	314.00
W. G. Pye and Co., Ltd., spherometer, resistance box	62.30
Psychology Dept., motors	16.00
Radio Trade Supply, meters	41.70
Gustav Rose, condenser chambers	109.17
Shallcross Mfg. Co., resistance box	35.35
Venner Time Switches, stop watches	28.45
Weston Electric Instrument Co., ammeters	214.75
A. R. Williams Machinery Co., dial, test indicator	11.98
Zenith Electric Co. Ltd., resistors	106.65
Accounts under $10 (3)	16.84
Experimental tables, cases, books, charts, fittings, etc. ($625.18):	
American Institute of Physics, Inc., reprints	10.52
Biographical Encyclopaedia of America	17.48
"Engineering", subscription	13.36
MacMillan & Co., subscription	12.92
National Research Council of Canada, reprints	40.41
Carl Thuro, drafting, 60 hours	30.00
Leslie H. Turl, drawings and diagrams	10.00
University Press, almanacs, books	52.06
Accounts under $10 (10)	52.26
Superintendent's Dept., labour, $236.38; material, $149.79	386.17
Laboratory and Workshop Assistance ($1,485.00):	
Lloyd Jones, 41 2/3 weeks	375.00
Wm. McIntyre, 41 5/6 weeks	376.50
Hugh Pawson, 41 5/6 weeks	376.50
Carl Thuro, 39 2/3 weeks	357.00
Special Laboratory Alterations and Replacements:	
Superintendent's Dept., labour, $329.66; material, $143.57	473.23
Geophysics Survey ($5,358.29):	
American Instrument Co., flowmeter	24.72
Bark and Mortimer, special insurance on instruments	65.00
Bausch and Lomb Optical Co., lenses, compensator	754.05
British Drug Houses Ltd., chemicals	10.65
E. Bryden, clamps	13.11
Canada Wire and Cable Co., cable	21.85
Canadian Electrical Supply Co., transformer, rheostat	15.36
Canadian General Electric Co., pliatron tubes	210.61
Walter A. Carveth Co., field balance, etc.	1,125.00
Central Scientific Co., glassware, tubes, gauges, etc.	110.47
Coulter Copper and Brass Co., crucibles, gaskets	52.50
Dominion Oxygen Co., nitrogen, gas	37.76
Drummond McColl Co., plates, pipes, steel	20.42
Exide Batteries of Canada, batteries	133.50
Haloid Co., rolls, developers	39.77
International Resistance Co., resistors, rheostats, etc.	39.09
Leeds and Northrup Co., galvonometers	200.29
McBain Foundry, castings	18.32
Photographic Service, enlargements	26.20

Thos. Pocklington Co., making atom instruments		250.00	
Psychology Department, motors		24.00	
Rectigraph Co., paper		20.45	
Research Incorporation, used balance, accessories		999.56	
Weston Electrical Instruments, ammeters, multiammeters		37.86	
S. S. White Dental Mfg. Co., resistors		11.94	
Wholesale Radio Co., fuses, transformers, etc.		27.29	
Sundry disbursements by department:			
Amount spent for Dr. A. A. Brant research		815.41	
Superintendent's Dept., freight, $171.03; labour, $10.82, material, $5.54		187.39	
Accounts under $10 (15)		65.72	
Research Associates ($3,900.00):			
N. B. Keevil, (9 months)		2,700.00	
S. Levine (8 months)		1,200.00	
Fellows in Geophysics sessional ($3,200.00):			
A. A. Brant		2,000.00	
R. F. Errington		600.00	
J. M. Trott		600.00	
Research Assistance:			
A. R. Clark (sessional $750.00 of which $337.50 was refunded —see also Dept. of Physics)		412.50	
Honoraria for extra services ($1,575.00):			
C. Barnes		100.00	
A. A. Brant		100.00	
A. R. Clark		228.80	
M. F. Crawford		100.00	
E. H. Dexter		230.55	
H. J. C. Ireton		100.00	
B. B. Jamieson		244.95	
W. A. Ladd		100.00	
E. Van Oppenheim		131.30	
W. H. White		139.40	
J. O. Wilhelm		100.00	
		$ 24,409.79	
Less credits: Laboratory Deposits, $777.96; sale of Material, etc., $70.00; Department of Mines, $200.00	$ 1,047.96		
Charged to Sir John McLennan Fund (with which is combined the Hans Lunberg Fund and the Steep Rock Mines Fund)	14,245.79		
		15,293.75	
			$ 9,116.04
Sir John McLennan Fund:			
Balance at credit 1st July, 1939	$ 2,696.79		
Received from:			
Hans Lundberg, Esq.	6,117.53		
Steep Rock Mines (Jos. Errington, Esq.)	6,426.79		
Dept. of Mines, Province of Ontario	200.00		
Riverdale Kiwanis Club, Toronto	2,600.00		
	$ 18,041.11		
Less Charges	14,445.79		
Balance at credit 30th June, 1940	$ 3,595.32		

26. Astronomy.

At University:			
Supplies ($257.53):			
Eastman Photographic Stores, plates, chemicals		$ 22.33	
Postage		26.64	
Robbins and Townsend, typewriter maintenance		18.00	
University Press, stationery		90.42	
Accounts under $10 (5)		13.88	
Sundry disbursements by department:			
Hardware, $6.77; books and stationery, $4.29; sundries, $4.30		15.36	
Superintendent's Dept., freight, $7.45; labour, $11.80; material, $51.65		70.90	

At Observatory:		
Supplies and Apparatus ($1,783.42):		
Bausch and Lomb Optical Co., lenses, eye piece	11.70	
W. E. Booth Co., plates, chemicals	81.15	
Canada Wire and Cable Co., wire	58.96	
Central Scientific Co. of Canada, induction coil	17.74	
Distillation Products Inc., diffusion pump, amoil	149.61	
Eastman Photographic Stores, film, plates	11.16	
J. W. Fecker, reflecting prism	64.97	
Grant Contracting Co., digging and cementing pit	100.00	
J. F. Hartz Co., chemicals	21.30	
H. R. Kingston, plastic cast of Dresden Meteorite	10.00	
Kinney Mfg. Co., vacuum pump	489.61	
Herbert Morris Crane and Hoist Co., hoist	176.47	
Postage	23.00	
Shepperd and Gill Lumber Co., lumber	25.36	
Prof. R. K. Young, reimbursement for calculating machine, purchased June 1935, used by department	495.00	
University Press, binding	17.50	
Accounts under $10 (5)	23.33	
Superintendent's Dept., labour, $3.00; telephone calls, $3.56	6.56	
Library, including binding and mending ($293.37):		
Astrophysical Journal, subscription	11.61	
F. A. Brockhaus, books	10.65	
MacMillan and Co., subscription	12.92	
Royal Astronomical Society, reprints	68.00	
University Press, publications, books, binding	154.76	
Accounts under $10 (6)	35.43	
Travelling Allowances ($300.00):		
J. F. Heard	80.00	
F. S. Hogg	80.00	
P. M. Millman	80.00	
Miss R. J. Northcott	60.00	
Attendants and incidentals ($63.75):		
T. Mackenzie, caretaker's overtime services	58.75	
Wm. Spence, Constable's overtime services	5.00	
	$ 2,698.07	
Less Door receipts	53.55	
		$ 2,644.52

27. Geology.

Maintenance and Equipment ($663.61):		
Addressograph Multigraph of Canada, ink, etc.	$ 50.55	
Walter A. Carveth, maintenance of microscopes	51.00	
Central Scientific Co. of Canada, glassware, chemicals	65.81	
Eastman Photographic Stores, slides, chemicals	20.33	
Ray L. Fowler, fossil foot print	15.00	
Office Specialty Mfg. Co., table	17.00	
Ontario Paper Box Mfg. Co., trays	11.83	
Ottawa Field-Naturalist Club, dues, reprints	10.00	
Photographic Service Dept., slides, projection	19.70	
Thos. Pocklington Co., repairs to compressor	22.10	
Spencer Lens Co., microscope lamps	21.19	
C. Tarling & Co., maps mounted	28.00	
Wards Natural Science Establishment, Inc., crystals, specimens	13.54	
G. S. Willson, geological maps	10.00	
University Press, binding, stationery	72.20	
Accounts under $10 (17)	74.86	
Superintendent's Dept., freight, $6.56; labour, $93.15; material, $60.79	160.50	
Summer field work, travelling expenses, etc. ($301.28):		
John H. Law, travelling expenses	10.50	
Prof. E. S. Moore, honorarium, $100.00; expenses, $10.32	110.32	
V. J. Okulitch, honorarium, $50.00; expenses, $6.42	56.42	

Royal Ontario Museum, cost of repairing station wagon owned by the Royal Ontario Museum, to be used by Dr. Russell on expedition	97.97	
W. C. Warburton Co., repairs to car	21.61	
Accounts under $10 (1)	2.75	
Superintendent's Dept., material	1.71	
	$ 964.89	
Less credits: Laboratory deposits, $18.00; sale of materials, etc., $9.80; sale of used car, $110.00	137.80	
		$ 827.09

28. Mineralogy.

Maintenance and Equipment ($1,152.33):		
American Instrument Co., cathodes for X-Ray tubes	$ 54.47	
Canadian Industries Limited, acid	48.94	
Canadian Laboratory Supplies, chemicals, glassware	89.73	
Central Scientific Co., glassware	37.98	
Corning Glass Works, cylinders	17.56	
Mrs. C. O. Dalton, clerical assistance, 28 hours	14.00	
Eastman Photographic Stores, chemicals, plates, film	23.33	
T. Eaton Co., table, linoleum, lamps	18.36	
French Ivory Products, transparent sheeting	65.07	
Johnson and Matthey & Co., platinum crucible	41.44	
John H. Klein & Co., charcoal blocks	35.40	
Machlett Laboratories Inc., valves	240.36	
Office Specialty Mfg. Co., filing cabinet	21.30	
Photographic Service, prints, plates	79.56	
University Press, printing and stationery	92.53	
Ward's Natural Science Establishment, specimens	60.42	
Accounts under $10 (12)	52.29	
Sundry disbursements by department	10.77	
Superintendent's Dept., freight, $14.78; labour, $86.42; material, $47.62	148.82	
Special X-Ray Equipment ($555.79):		
A. & A. Radio Service Supply, inverter	23.10	
Baird Associates, precision balance	241.43	
Canadian Research Institute, electrometric filtration indicator	50.00	
Walter A. Carveth, illuminator with polarizer	92.00	
General Electric Vapour Lamp Co., sodium arc	62.81	
Spencer Lens Co., microscope lamps, microscopes	86.45	
Alterations, Partitions and Repairs:		
Superintendent's Dept., labour, $121.06; material, $91.50	212.56	
	$ 1,920.68	
Less credits: Laboratory deposits, $116.60; sale of materials, etc., $40.70	157.30	
		$ 1,763.38

29. Chemistry.

Maintenance:		
Chemistry:		
Chemicals, glassware, apparatus, etc. ($10,970.92):		
Aikenhead Hardware Ltd., wire, grinding wheel, tools	$ 35.82	
Artcraft Shoppe, tripods	16.20	
Beardmore and Co., belting	10.02	
Belle Ewart Ice & Fuel Co., ice	14.40	
W. E. Booth & Co., plates	16.60	
British Drug Houses Ltd., chemicals	364.26	
D. Burpee, evening research work in connection with Northern Ontario, platinum-bearing ores	50.00	
Canadian Industries Limited, chemicals	559.30	
Canadian Kodak Co., chemicals	27.62	
Canadian Laboratory Supplies, chemicals, glassware, etc.	2,119.19	
Canadian Liquid Air Co., gas	36.70	

Centraalbureau voor Schimmelcultures, cultures	18.01
Central Scientific Co., chemicals, glassware, apparatus, etc.	1,662.75
R. H. Chappell, glass blowing	145.21
Eastman Kodak Co., chemicals	296.12
T. Eaton Co., Ltd., stoves, tables, etc.	63.72
Eck-Krebs Ltd., glassware, tubes	89.47
Fisher Scientific Co., clamps pump, burners	155.92
General Electric Vapour Lamp Co., pyrex	10.70
General Films Ltd., used projector	39.00
General Radio Co., resistors, microphone, etc.	13.46
Guardian Electric Mfg., relays	24.44
Gutta Percha and Rubber, Ltd., tubing	70.65
J. F. Hartz, chemicals	11.25
Ingram & Bell Ltd., glassware, filter paper, etc.	369.39
Instruments Ltd., metal rods	133.40
Johnson Matthey & Co., platinum disks, capsules, etc.	73.15
W. H. Kubbinga, metal	14.00
Laboratory of Microchemistry, books	26.79
Leeds & Northrup Co., plentiometer, coil, insulators	387.36
B. L. Lemke, chemicals	33.59
Lyndon Scientific Co., stop cocks, weights	32.34
Mack Printing Co., reprints	27.17
Mallinckrodt Chemical Works, mercuric acid	27.72
Merck & Co., chemicals	160.75
Mimeograph Co., Ltd., mimeograph, $140.40 less allowance on turned in machine, $25.00; ink, paper, stencils, $228.67	344.07
National Research Council of Canada, reprints	24.00
Nicholls Chemical Co., chemicals	458.43
Ohio Chemical & Mfg. Co., chemicals	14.87
Ontario Cork Co., corks	135.84
Phillips Petroleum, chemicals	14.63
Physics Dept., Dewar flask	25.00
Postage	52.77
Richardson, Bond & Wright, cards	71.81
Shawinigan Chemicals Ltd., acids	140.46
Stephens Sales Ltd., stencils, paper	23.10
Tamworth Associates, Inc., flask, distilling apparatus	19.07
Textile Products Co., towels	222.48
Thermos Bottle Co., filters, jars	31.91
E. M. Tozer, crushing samples	22.70
Underwood Elliott Fisher Co., repairs and cleaning typewriter	32.08
Wall Chemicals Ltd., chemicals, gas	56.62
Williams and Wilson Ltd., globars, bone ash	193.64
University Press, printing and stationery	875.68
Accounts under $10 (24)	112.23
Sundry disbursements by department:	
Hardware, $65.97; stationery, telegrams and express, $13.28; sundries, $42.05	121.30
Superintendent's Dept., freight, $46.37; labour, $301.00; material, $494.39	841.76
Repairs and Renewals ($470.91):	
Frigidaire Division, General Motors Sales Corp., servicing 'Frigidaire'	10.63
Accounts under $10 (3)	17.50
Superintendent's Dept., labour, $307.45; material, $135.33	442.78
Clerical Assistance ($83.40):	
W. Banton, 70 hours	28.00
Miss E. W. Dyer, 1 week, 5 days	38.20
R. Fortescue, 20 hours	8.00
Miss B. Hart, 14 hours	5.60
Miss A. Macgregor, 9 hours	3.60
	$ 11,525.23

Less credits: Laboratory deposits, $4,703.14; sale of material, etc., $11.69; donation from A. H. Simpson, $100.00	4,814.83	
		$ 6,710.40
Physical Chemistry:		
Supplies, Chemicals, etc.:		
Canadian Laboratory Supplies, glassware, supplies	$ 236.86	
Central Scientific Co., flasks, glassware, etc.	161.12	
R. H. Chappell, glass blowing	25.23	
Johnson Matthey & Co., platinum, gold plating	15.96	
Rohn and Haas Co., Inc., chemicals	10.17	
Accounts under $10 (4)	19.22	
Superintendent's Dept., freight, $1.40; labour, $91.19; material, $138.81	231.40	
		$ 699.96
Electro-Chemistry:		
Supplies ($1,420.94):		
Belle Ewart Ice and Fuel Co., ice	$ 15.20	
Canadian National Carbon Co., electrodes	38.59	
T. Eaton Co., stools	38.64	
G. A. Hardie & Co., wipers	27.30	
Ingram & Bell Ltd., glassware, filter paper, etc.	334.72	
Liquid Carbonic Canadian Corp., dry ice	98.06	
Lyndon Scientific Co., glassware, thermometers, etc.	338.00	
Mallinckrodt Chemical Co., chemicals	81.48	
Merck & Co., chemicals	66.08	
Photographic Service, prints, slides, etc.	30.55	
Radio Trade Supply, radio and electrical supplies	100.04	
Richardson, Bond and Wright, graph paper	22.11	
Wall Chemicals, oxygen	15.00	
University Press, stationery, etc.	46.26	
Accounts under $10 (6)	34.51	
Sundry disbursements by department	20.37	
Superintendent's Dept., freight, $4.38; labour, $7.35; material, $102.30	114.03	
Apparatus ($1,154.71):		
Canadian Laboratory Supplies, rheostats, resistors, etc.	217.26	
Central Scientific Co., motors, balance weights	149.74	
Dominion Oxygen Co., oxygen regulator	12.60	
Guardian Electric Mfg. Co., relays	36.59	
W. H. Kubbinga, machine work	22.30	
Littlefuse Inc., fuses	12.39	
George M. Matthews, commutator for motor	28.16	
McBain Foundry, weights	31.75	
W. R. McKee, repairs to motors	51.75	
Ohmite Mfg. Co., resistors	90.81	
Thos. Pocklington Co., repairing balances	11.50	
Radio Trade Supply Co., oscillator kit	50.00	
Thomas Corney, rebuilt typewriter	78.00	
M. W. Welch Mfg. Co., micrometer	187.73	
Accounts under $10 (3)	10.31	
Superintendent's Dept., freight, $1.61; labour, $129.68; material, $32.53	163.82	
New Equipment and Alterations:		
Superintendent's Dept., labour, $736.35; material, $346.34	1,082.69	
	$ 3,658.34	
Less credits: materials returned	101.42	
		$ 3,556.92
Organic Chemistry Research:		
Supplies, Apparatus and Equipment:		
Allen Mfg. Co., laundry	$ 25.69	
Baker Platinum Co. of Canada, palladium chloride, platinum	103.54	
British Drug Houses Ltd., chemicals	753.94	

Canadian Laboratory Supplies, tubes	16.61	
Central Scientific Co., glassware, tubes, etc.	778.68	
Corn Products Refining, glucose	14.61	
E. Hookway Glass Works, glassware, pyrex	89.50	
Instruments Ltd., centrifuge tubes, sodium press, etc.	153.45	
Lake Simcoe Ice and Fuel Co., ice chest	23.00	
Lusteroid Containers Ltd., containers	15.84	
Mack Printing Co., reprints	12.84	
Martin Drug Co., gum	19.89	
Merck & Co., acid reagent	11.91	
Stephen M. Nagy, chemical analysis	134.04	
Physics Dept., Dewar flask	25.00	
C. H. Taylor, repairs to apparatus	17.25	
S. S. White Co., hydrogen, oxygen	73.12	
University Press, printing and stationery	17.43	
Accounts under $10 (8)	47.76	
Sundry disbursements by department:		
Dry ice, $11.20; stationery, postage, etc., $11.52; sundries, $5.42	28.14	
Superintendent's Dept., freight, $10.36; labour, $103.28; material, $169.79	283.43	
		$ 2,645.67
		$ 13,612.95

30. Biology.

Laboratory and lecture room supplies, museum specimens, supplies and catalogue ($5,034.37):

Aikenhead Hardware Ltd., hardware	$ 115.03
Allen Mfg. Co., laundry	88.64
Art Metropole, colours, thermograph	61.50
R. Ashbury, construction of incubator	35.20
Associated Screen News, films rental	22.00
Biological Abstracts, subscription	27.89
Biological Supply Co., specimens	95.02
W. E. Booth Co., plates, chemicals	15.75
British Drug Houses, chemicals	59.30
F. J. Burns & Co., frogs	109.55
Canadian General Electric, lamps, resistance coil, etc.	11.05
W. A. Carveth, microscope parts, micrometer discs, etc.	713.25
Caspar, Kreuger, Dory Co., books	10.81
Central Scientific Co., chemicals, glassware, etc.	401.61
Corbett-Cowley Ltd., laboratory coats	165.31
Dominion Glass Co., sealers	102.99
T. Eaton Co. Ltd., sateen, batting, etc.	29.80
Eastman Kodak Co., chemicals	28.83
C. Emmett, animals	286.25
General Biological Supply House, specimens	39.97
D. Gestetner (Canada) Ltd., pens, ink, etc.	44.47
Gevaert (Canada) Ltd., slides, plates, film	64.12
J. F. Hartz Co., chemicals, rubber gloves, etc.	21.65
Herback & Rademan, Inc., radio	20.03
Halliday Flint Glass Works, vials, corks	119.13
Ingram & Bell Ltd., serum, haemocytometer counting chamber	21.45
Miss Alice Ironside, preparing micro slides	75.00
Kelley Feed and Seed Co., feed	61.20
Lever Bros. Ltd., glycerin	19.27
Mallinckrodt Chemical Works, parlodion	84.15
Maple Leaf Milling Co., wheat	13.90
Marine Biological Laboratory, specimens, absorption cell tonometers	104.14
Medicine Hat Potteries, crocks, covers	21.12
Murphy's Drug Store, film	71.43
Northwestern University Medical School, film	27.50
Ontario Agricultural College, eggs	22.60
A. Passafiume, fruit, vegetables	24.77
Postage	22.00
L. A. Prince, preparing skeleton	15.00

Radio Wire Television Co., parts	43.57	
Rex Laboratories, frogs	11.00	
Royal Ontario Museum, books	31.00	
J. H. Ryan, rebinding books	20.60	
Fred Shorney Ltd., color plate projector	110.00	
Stephens Sales Ltd., paper	91.04	
University Press, stationery, books, reprints	333.62	
Ward's Natural Science Establishment, specimens	30.19	
Wholesale Radio Co., radio supplies	62.18	
Wistar Institute of Anatomy and Biology, card service	12.40	
Accounts under $10 (43)	184.97	
Sundry disbursement by department:		
Telegrams, drugs and office supplies, $78.26; hardware, $27.26; gasoline, $107.83; sundries, $11.72	225.07	
Superintendent's Dept., telegrams, .81; freight, $89.80; labour, $126.14; material, $389.30	606.05	
Marine laboratories, collection:		
W. J. LeRay	100.00	
Furnishings, fittings and new equipment ($1,471.00):		
Bay Salvage Co., office furniture	49.00	
Robbins and Townsend, rebuilt typewriter, $75.00; repairs, $10.00	85.00	
Stainton and Evis, chair cushions	29.95	
Accounts under $10 (2)	7.50	
Superintendent's Dept., labour, $808.85; material, $490.70	1,299.55	
Incidentals ($443.24):		
Adelaide Office Machinery Co., line-a-time	12.00	
Postage	60.00	
Robbins and Townsend, typewriter maintenance	19.60	
Stainton and Evis, stationery	17.40	
University Press, stationery and printing	300.13	
Accounts under $10 (7)	34.11	
	$ 7,048.61	
Less credits: Laboratory deposits, $618.95; sale of material, $77.46	696.41	
		$ 6,352.20

31. Botany.

Laboratory and Office supplies, labour, etc. ($3,194.16):	
Allen Mfg. Co., laundry	$ 46.90
W. E. Booth & Co., film, plates	30.68
Brown Bros., black paper	27.00
California Botanical Materials, slides	50.65
Canadian General Electric Co., lamp	12.61
Canadian Industries Limited, chemicals	14.89
Canadian Laboratories Supplies, chemicals	39.18
Canadian National Carbon Co., brushes, carbons	25.12
Canadian Pad and Paper Co., paper	61.49
Central Scientific Co., glassware, chemicals, etc.	405.55
R. H. Chappell, glass blowing	22.75
Consolidated Plate Glass Co., glass	12.68
Corbett-Cowley, laboratory coats	78.38
Eastman Photographic Stores, films, plates, etc.	151.87
Fisher Scientific Co., rubber tubing	22.21
Gevaert (Canada) Ltd., plates	34.99
Grand and Toy Ltd., stationery	38.85
Fred W. Halls Paper Co., paper	40.23
J. F. Hartz Co., microscope slides, boxes	29.27
D. S. Hull, laboratory assistance, 1,176 hours	470.40
Kilgour's Ltd., bags, tape	11.65
Mallinckrodt Chemical Works, chemicals	49.89
Mimeograph Co. of Canada, stencils, paper, ink	22.95
Parisian Laundry Co., laundry	12.35
Photographic Service, prints, negatives	10.65
Polaroid Corporation, viewers	11.70
Postage	85.50
Richards Glass Co., vials, droppers, etc.	18.80

Robbins and Townsend, typewriter maintenance	16.80	
J. H. Ryan, binding	40.00	
Carl Schleicher & Schull Co., ruled paper	17.22	
H. V. Steer, motor repairs	31.35	
Stephens Sales Ltd., stencils	21.02	
Triarch Botanical Products, slides	17.57	
University of Chicago Press, maps	11.12	
Miss M. Wallace, washing cloths	11.75	
University Press, printing and stationery	522.58	
Accounts under $10 (29)	117.08	
Sundry disbursements by department:		
Drugs and stationery, $22.92; hardware, $20.26; supplies, $40.07; telephones, telegraph, postage, etc., $19.57; sundries, $14.90	117.72	
Superintendent's Dept., freight, $54.84; labour, $183.99; material, $191.93	430.76	
Herbaria, Bear Island Laboratory:		
Cases, labour, supplies, etc. ($451.12):		
R. F. Cain, collecting expenses	66.08	
Chronica Botanica Co., subscription	15.17	
Grand and Toy Ltd., record book	14.30	
Ethel H. Looff, specimens	10.97	
Office Specialty Mfg. Co., herbarium case	280.00	
Provincial Treasurer, rental of Bear Island lot	10.00	
F. Verdoorn, specimens	30.08	
Accounts under $10 (4)	24.52	
Botanic Gardens and Greenhouses; supplies and labour ($2,100.12):		
Canada Metal Co., Ltd., metal for labels	12.96	
W. M. C. Chilton, greenhouse assistance, 403 hours	858.65	
D. S. Hull, 664 hours, greenhouse assistance	265.60	
Medicine Hat Potteries, pots	17.18	
Ocean Chemicals Ltd., fumigating	16.00	
Miss G. S. Taylor, 12 months	750.00	
W. P. Wariner, soil fertilizer	19.50	
Ed. Webb and Sons, pots, raffia, peat moss	44.85	
Accounts under $10 (7)	43.28	
Sundry disbursements by department	1.35	
Superintendent's Dept., labour, $30.21; material, $40.54	70.75	
Apparatus and Equipment ($794.98):		
Canadian Delcalcomania, gold and block letters	12.96	
Walter A. Carveth, condensor, microscope attachments	78.00	
Central Scientific Co., balance	49.00	
Deluxe Laboratories, prints	18.06	
Eastern Engineering Co., pump	28.43	
T. Eaton Co., Ltd., cover for inoculation chamber, camera	50.63	
Office Specialty Mfg. Co., file, cupboard	43.60	
H. V. Steer, repairing apparatus	156.60	
Ryerson Press, microscope stages, projector	226.20	
Telfer Paper Box Co., filing cases	61.51	
Western Electrical Instruments Corporation, motor	14.04	
A. R. Williams Machinery Co., tool grinder	10.00	
Superintendent's Dept., labour, $23.88; material, $22.07	45.95	
	$ 6,540.38	
Less Credits: Laboratory deposits, $561.75; sale of material, $28.63	590.38	
		$ 5,950.00

32. History.

Class room supplies ($191.61):	
Postage	$ 23.00
University Press, stationery and printing	101.77
Accounts under $10 (9)	32.37
Superintendent's Dept., telephone, $4.75; labour, $9.65; material, $20.07	34.47

Secretarial Assistance:		
Miss F. Hahn, 9 mos.	900.00	
Research expenses ($75.70):		
R. N. Beattie, travelling expenses	33.35	
Miss M. Herriott, travelling expenses	42.35	
		$ 1,167.31

33. Anthropology.

Class room supplies:		
Eastman Photographic Stores, chemicals	$ 5.31	
Gevaert Co. (Canada), plates	1.64	
Multigraph Sales Ltd., duplex plates	1.55	
Photographic Service, lantern service	6.00	
		$ 14.50

34. Archaeology.

Class room supplies:		
Kokusai, Bunka Shinkokar, slides	$ 20.66	
Photographic Service, slides	251.64	
Ryerson Press, slides	14.40	
Claude Sauerbri, slides	12.40	
Accounts under $10 (4)	20.50	
	$ 319.60	
Less credits: sale of slides	19.90	
		$ 299.70

35. Fine Art.

Equipment ($248.17):		
Grand and Toy, filing cabinet	$ 178.75	
Mellors Fine Art Gallery, pictures	6.00	
Robbins and Townsend, reconditioned typewriter	60.00	
Superintendent's Dept., labour, $3.15; material, .27	3.42	
Slides, journals and stationery, use of lanterns and operators ($748.78):		
Artists' Supply Co., stretchers, paper, colour	45.17	
Art Metropole, chalk, bristol board, etc.	62.53	
Canadian Art Laboratories, paint, colour	13.19	
College of Art Association, dues	11.28	
University of Toronto Library, interlibrary loans	12.54	
Museum of Modern Arts, dues	11.28	
Photographic Service, slides, lantern, operator	389.90	
University Press, stationery	24.20	
Accounts under $10 (14)	55.72	
Sundry disbursements by department:		
Model fees, $67.90; stationery, drugs, etc., $9.94; sundries, $39.50	117.34	
Superintendent's Dept., freight, .75; labour, $1.85; material, $3.03	5.63	
		$ 996.95

36. Geography.

Maintenance ($181.52):		
Mimeograph Co., stencils, paper, ink	15.75	
Photographic Service, slides, prints	43.06	
Thos. Pocklington Co., graph paper	10.00	
University Press, stationery	48.80	
Accounts under $10 (3)	10.64	
Sundry disbursements by department:		
Hardware, $15.86; sundries, $27.56	43.42	
Superintenndent's Dept., freight, .29; labour, $4.40; material, $5.16	9.85	
Apparatus and furniture ($179.62):		
Aikenhead Hardware, motor, pulley	17.42	
Canadian Laboratory Supplies, thermometers, hydrometer, mercury tray	11.56	
Griffin Tatlock Ltd., callipus, planimeter	34.10	
Hobbies Limited, fret saws	12.80	
Charles Potter, slide covers	11.20	

University Press, books	32.75	
Accounts under $10 (5)	20.94	
Superintendent's Dept., labour, $21.81; material, $17.04	38.85	
		$ 361.14

37. Political Economy.

Office and Class room supplies ($841.40):		
Codex Book Co., chart paper	$ 11.28	
Grand and Toy Ltd., stationery	13.35	
J. McDowell & Co., repairs and insurance on calculator	32.33	
Postage	85.00	
Robbins and Townsend, typewriter maintenance	14.00	
Roneo Co. of Canada, stencils, paper, ink	119.18	
University Press, stationery	131.28	
Accounts under $10 (13)	47.22	
Travelling Expenses of Lecturers in Sociology and Social Science:		
C. A. Dawson	22.50	
Miss Helen Hall	43.13	
Miss Marion Hathaway	42.42	
R. M. MacIver	45.51	
R. A. Park	68.06	
T. Parsons	54.61	
Sundry disbursements by department	9.54	
Superintendent's Dept., labour, $1.50; material, $100.49	101.99	
Clerical Assistance ($1,820.55):		
Miss J. I. Horrell	55.55	
Miss J. McKee	1,000.00	
Miss G. Turnbull	765.00	
		$ 2,661.95

38. Law.

Office and class room supplies:		
Postage	$ 92.50	
University Press, printing, stationery	52.85	
		$ 145.35

39. Philosophy.

Supplies, clerical assistance, etc.:		
Miss H. DesBrisay, 123 hours	$ 61.50	
University Press, stationery, printing	11.67	
Accounts under $10 (2)	6.20	
		$ 79.37

40. Psychology.

Supplies ($1,346.03):		
Canadian National Telegraphs, wires	$ 32.45	
City Treasurer of Toronto, maps of Toronto	10.00	
Department of Educational Research (O.C.E.), tests	15.00	
D. Gestetner, stencils, ink	236.60	
Houghton, Mifflin Co., cards	10.09	
Kelley Feed and Seed Co., feed	15.40	
Postage	73.25	
Psychological Corporation, tests	57.11	
Robbins and Townsend, typewriter maintenance	13.00	
John B. Smith & Sons, lumber	38.68	
World Book Co., tests	40.56	
University Books Store, charts	14.30	
University Press, stationery, printing	505.62	
Accounts under $10 (16)	76.73	
Sundry disbursements by department, hardware, $24.68; telephones, $44.52; stationery, laundry, postage and sundries, $30.80	100.00	
Superintendent's Dept., freight, $5.60; labour, $3.67; material, $97.97	107.24	
Apparatus and Equipment ($555.00):		
R. C. Bush, stop watch repairs	15.50	
Canadian General Electric Co., motors	31.48	

D. Gestetner Co., machine, (less allowance)	317.50	
Grand and Toy, filing cabinets	33.45	
Arthur Jackson Machine Tool Co., chronometers	49.50	
H. Kluver, film	23.39	
S. S. White Co. of Canada, cylinders	26.46	
Accounts under $10 (3)	24.30	
Superintendent's Dept., labour, $4.75; material, $28.67	33.42	
Clerical Assistance:		
Mrs. W. Mussen, 12 mos.	1,050.00	
Laboratory Attendance ($1,550.00):		
Miss G. Evans, 12 mos.	400.00	
Miss D. D. Hearn, 12 mos.	1,150.00	
Laboratory Cleaning, ($83.02):		
D'Arcy LeRay	63.00	
Superintendent's Dept., labour	20.02	
	$ 4,584.05	
Less Credits: sale of materials	40.00	
		$ 4,544.05

41. Italian and Spanish.

Class room supplies and clerical assistance:		
Miss E. Rugg, 335 hours	$ 234.50	
Robbins and Townsend, inspection of typewriters	.60	
University Press, stationery	10.70	
		$ 245.80

42. University College Departments.

Class room supplies:		
Classics ($138.47):		
Miss C. E. M. Stubbs, typing	$ 110.00	
University Press, stationery	21.33	
Accounts under $10 (2)	7.14	
English:		
University Press, letterheads	7.99	
French ($52.80):		
University Press, books, stationery	45.13	
Accounts under $10 (4)	7.67	
German ($68.65):		
Remington Rand Ltd., duplicator	29.50	
University Press, printing and stationery	21.24	
Accounts under $10 (4)	17.91	
Semitics ($59.09):		
Photographic Service, prints	16.00	
University Press, books, binding	43.09	
		$ 327.00

43. University College General Expenses.

Office Supplies, stationery, printing and incidentals ($684.08):		
D. Gestetner, ink, stencils, etc.	$ 147.00	
H. Knott, photos	39.54	
Postage	125.00	
Robbins and Townsend, typewriter maintenance	18.00	
Underwood Elliott Fisher Ltd., typewriter	141.75	
University Press, printing, stationery	173.00	
Accounts under $10 (7)	33.90	
Superintendent's Dept., labour, $3.60; material, $2.29	5.89	
Messenger Service:		
C. Collinson, 42 weeks, 5 days	450.00	
Sundry Expenses of the Principal ($213.90):		
Robert Simpson Co., Ltd., first year reception and scholarship tea	107.40	
Accounts under $10 (3)	6.50	
Superintendent's Dept., labour, $62.87; material, $37.13	100.00	
		$ 1,347.98

44. University College Building.

Heat and light		$ 5,672.95	
Gas, $84.82; water, $173.26		258.08	
Caretaker's supplies:			
Superintendent's Dept., material		560.22	
Cleaning ($4,898.22):			
Allen Mfg. Co., laundry		31.95	
Baker Carpet Cleaning Co., rug cleaning		5.68	
White Window Cleaning Co.		60.00	
Overtime Services:			
A. G. Keel		8.60	
W. J. Scott		4.05	
Superintendent's Dept., labour		4,787.94	
Repairs and Renewals ($5,115.51):			
Art Gallery of Toronto, cleaning portrait		15.00	
Wm. Bartlett and Son, shades		16.40	
Brown Upholstery, rebuilding chesterfield suite		111.00	
Dominion Lightning Rod Co., supplying and installing lightning rod		154.00	
T. Eaton Co., Ltd., chairs		149.00	
W. E. Routery, plastering repairs		89.10	
John Smith, chair repairs		28.30	
Accounts under $10 (2)		15.81	
Superintendent's Dept., labour, $3,402.86; material, $1,134.04		4,536.90	
Caretaker, W. J. Scott, 12 mos. (and overtime, $65.30)		1,500.00	
		$ 18,004.98	
Less heat and light charged to Central Power Plant	$ 5,672.95		
Sundry credits, cleaning $482.34; repairs, $276.55; supplies, $87.21	846.10		
		6,519.05	
			$ 11,485.93

45. McLennan Laboratory (Physics).

Heat and Light		$ 5,618.38	
Gas, $214.08; water, $296.75		510.83	
Caretaker's supplies:			
Superintendent's Dept., material		145.27	
Cleaning ($1,562.26):			
Allen Mfg. Co., laundry		12.10	
High Park Window Cleaners		7.00	
H. Hill, overtime services		45.00	
White Window Cleaners		30.00	
Superintendent's Dept., labour		1,468.16	
Repairs and Renewals ($3,100.14):			
Wm. Bartlett and Son, shades		22.43	
City Treasurer, elevator license		5.00	
Italian Mosaic & Tile Co., repairing floor		15.07	
Johnson Temperature Regulating Co., repairing thermostat		24.01	
Superintendent's Dept., labour, $1,906.38; material, $1,127.25		3,033.63	
Caretaker, H. Hill, 12 mos. (and overtime, $35.00)		1,500.00	
		$ 12,436.88	
Less heat and light charged to Central Power Plant	$ 5,618.38		
Sundry credits, cleaning	20.50		
		5,638.88	
			$ 6,798.00

46. Chemical Building.

Heat and light		$ 3,510.94	
Gas, $413.88; water, $537.32		951.20	
Caretaker's supplies:			
Superintendent's Dept., materials		166.19	
Cleaning ($1,737.07):			
Allen Mfg. Co., laundry		20.79	
White Window Cleaning Co.		12.00	
Superintendent's Dept. labour		1,704.28	

Repairs and Renewals ($1,813.82):			
Window Shade and Fittings Reg'd., cleaner, for projection screen		1.30	
Superintendent's Dept., labour, $1,332.45; material, $480.07		1,812.52	
Caretaker (paid as laboratory assistant; with rooms, heat and light valued at $420.00 chargeable against building and included in above)			
		$ 8,179.22	
Less heat and light charged to Central Power Plant	$ 3,510.94		
Sundry credits, cleaning	4.00		
		3,514.94	
			$ 4,664.28

47. Biological Building.

Heat and light		$ 3,292.09	
Gas, $93.40; water, $261.24		354.64	
Caretaker's supplies:			
Superintendent's Dept., material		208.86	
Cleaning ($1,876.06):			
Allen Mfg. Co., laundry		14.50	
White Window Cleaning Co.		18.00	
Superintendent's Dept., labour		1,843.56	
Repairs and Renewals ($2,177.82):			
Wm. Bartlett and Son, shades		29.90	
City Treasurer, valve box		6.45	
Italian Mosaic & Tile Co., repairs		9.78	
W. E. Routery, plastering repairs		107.35	
Superintendent's Dept., labour, $1,268.31; material, $756.03		2,024.34	
Caretaker, A. J. Wright, 12 mos. (with rooms, heat and light valued at $300.00)		1,150.00	
		$ 9,059.47	
Less heat and light charged to Central Power Plant	$ 3,292.09		
Sundry credits, cleaning $36.00; supplies, $7.50	43.50		
		3,335.59	
			$ 5,723.88

48. Botanical Building.

Heat and light		$ 4,756.78	
Gas, $61.26; fuel oil, $47.50; water, $305.78		414.54	
Caretaker's supplies:			
Superintendent's Dept., materials		160.96	
Cleaning ($2,138.77):			
Allen Mfg. Co., laundry		17.47	
Butterfield Window Cleaning Co.		37.50	
White Window Cleaning Co.		47.00	
Superintendent's Dept., labour		2,036.80	
Repairs and Renewals ($1,725.77):			
Accounts under $10 (4)		26.94	
Superintendent's Dept., labour, $1,330.75; material, $368.08		1,698.83	
Caretaker, W. V. Walker, 12 mos. (and overtime $26.00)		1,350.00	
		$ 10,546.82	
Less heat and light charged to Central Power Plant	$ 4,756.78		
Sundry Credits, cleaning	52.00		
		4,808.78	
			$ 5,738.04

49. Baldwin House (History).

Light		$ 164.20	
Fuel ($505.89):			
Central Coal Co.		41.20	
Conger Lehigh Coal Co.		464.19	
Superintendent's Dept., labour		.50	

Gas, $10.86; water, $32.56		43.42	
Caretaker's supplies:			
Superintendent's Dept., material		53.27	
Cleaning and furnaceman ($366.12):			
Allen Mfg. Co., laundry		4.40	
White Window Cleaning Co.		7.00	
Superintendent's Dept., labour		354.72	
Repairs and renewals ($594.28):			
Wm. Bartlett & Son, repairs to shade		.50	
Superintendent's Dept., labour, $463.09; material, $130.69		593.78	
Caretaker, G. A. Town, 12 mos. (and overtime $69.00)		1,350.00	
		$ 3,077.18	
Less light charged to Central Power Plant	$ 164.20		
Sundry Credits, cleaning	37.50		
		201.70	
			$ 2,875.48

50. No. 43 St. George Street.

Light		$ 10.53	
Fuel ($223.04):			
Central Coal Co.		20.80	
Conger Lehigh Coal Co.		201.24	
Superintendent's Dept., labour		1.00	
Gas, $780; water, $8.48		16.28	
Caretaker's supplies:			
Superintendent's Dept., material		51.95	
Cleaning, furnaceman, etc. ($479.63):			
Allen Mfg. Co., laundry		4.90	
Toronto Window Cleaning Co.		3.50	
A. Worthy, 122 days		20.29	
D. Harrison, 120½ days		33.66	
Superintendent's Dept., labour		417.28	
Repairs and Renewals:			
Superintendent's Dept., labour, $211.73; material, $35.55		247.28	
		$ 1,028.71	
Less light charged to Central Power Plant		10.53	
			$ 1,018.18

51. No. 45 St. George Street (Law).

Light		$ 35.68	
Fuel ($330.76):			
Central Coal Co.		42.43	
Conger Lehigh Coal Co.		287.58	
Superintendent's Dept., labour		.75	
Gas, $29.22; water, $12.89		42.11	
Caretaker's supplies:			
Superintendent's Dept., material		38.18	
Cleaning ($431.22):			
New York Window Cleaning Co.		4.50	
Superintendent's Dept., labour		426.72	
Repairs and renewals ($375.70):			
T. Eaton Co. Ltd., table and chairs		110.00	
Superintendent's Dept., labour, $170.87; material, $94.83		265.70	
		$ 1,253.65	
Less light charged to Central Power Plant	$ 35.68		
Sundry credits, cleaning	8.75		
		44.43	
			$ 1,209.22

52. No. 47 St. George Street (Applied Mathematics).

Fuel ($234.57):			
Central Coal Co.		$ 21.01	
Conger Lehigh Coal Co.		212.81	
Superintendent's Dept., labour		.75	
Electric Current, $68.81; water, $8.00		76.81	

Caretaker's supplies:		
Superintendent's Dept., material	28.04	
Cleaning, furnaceman, etc. ($227.14):		
White Window Cleaning Co.	2.50	
Superintendent's Dept., labour	224.64	
Repairs and Renewals:		
Superintendent's Dept., labour, $67.67; material, $15.14	82.81	
	$ 649.37	
Less sundry credits	20.50	
		$ 628.87

53. Economics Building.

Light		$ 6.00	
Fuel:			
Conger Lehigh Coal Co.		1,590.53	
Gas, $88.18; Electric current, $1,301.05; water, $64.73		1,453.96	
Caretaker's supplies:			
Superintendent's Dept., material		283.69	
Cleaning and Firemen ($2,809.60):			
Allen Mfg. Co., laundry		20.70	
Canadian Cleaning Co.		28.00	
E. Pulbrook, furnaceman, 23 weeks and 8 days		482.86	
Superintendent's Dept., labour		2,278.04	
Repairs and Renewals ($1,988.00):			
Wm. Bartlett and Son, shades		33.54	
T. Eaton Co., Ltd., mirror		1.35	
Holmes Welded Metals, welding		14.88	
Livingstone Stoker Co., repairs to stoker		58.99	
O'Donnell Mackie Ltd., fan belt		1.00	
Patterson & Heward, brass sign		13.23	
W. E. Routery, plastering repairs		45.35	
Robert Simpson Co. Ltd., linoleum		200.80	
Superintendent's Dept., labour, $1,131.20; material, $487.66		1,618.86	
Caretaker, J. McCormack, 12 mos. (and overtime $18.50)		1,300.00	
		$ 9,431.78	
Less light charged to Central Power Plant	$ 6.00		
Credits for cleaning, etc.	24.24		
		30.24	
			$ 9,401.54

54. Psychology Buildings.

Light	$ 81.23	
Fuel ($1,013.04):		
Central Coal Co.	31.20	
Conger Lehigh Coal Co.	981.84	
Gas, $15.42; Electric current, $174.92; water, $33.55	223.89	
Caretaker's supplies:		
Superintendent's Dept., material	96.28	
Cleaning, furnaceman, etc. ($1,505.61):		
Accounts under $10 (3)	22.15	
Furnaceman, A. Worthy, 248 days	261.06	
Superintendent's Dept., labour	1,222.40	
Repairs and Renewals ($1,587.40):		
Wm. Bartlett and Son, shades	9.17	
W. E. Routery, plastering repairs	181.20	
Superintendent's Dept., labour, $1,035.73; material, $361.30	1,397.03	
No. 104 St. George Street:		
Alterations and repairs ($937.15):		
W. E. Routery, plastering repairs	173.15	
Superintendent's Dept., labour, $640.86; material, $123.14	764.00	
	$ 5,444.60	
Less light charged to Central Power Plant	81.23	
		$ 5,363.37

55. David Dunlap Observatory.

Fuel ($438.52):		
Milnes Coal Co.	$ 395.85	
Elias Rogers Co. Ltd.	42.67	
Electric current	693.91	
Caretaker's supplies, material	46.93	
Repairs and renewals ($474.54):		
Toronto Salt Works, salt	16.00	
Superintendent's Dept., labour, $377.71; material, $80.83	458.54	
Sundries ($1,247.07):		
Bell Telephone Co. of Canada, telephone	54.00	
John Jarvis, gravel	247.50	
Lundy Fence Co., snow fence	111.30	
Sheridan Nurseries, bulbs	10.00	
Superintendent's Dept., freight, $1.23; labour, $757.11; material, $65.93	824.27	
Caretaker, T. McKenzie (with house valued at $15.00 per month) 12 mos.	840.00	
	3,740.97	
Less credits: heat, light and water, $72.00; cleaning, etc. $3.00	75.00	
		$ 3,665.97
		$892,844.52

VII. FACULTY OF MEDICINE.

56. Salaries.

Administration.

W. E. Gallie, Dean (paid also $10,000 as Professor of Surgery)	$ 1,000.00	
E. S. Ryerson, Assistant Dean and Secretary of Faculty (paid also $300 as Assistant Professor of Surgery and $360 in Dentistry)	5,200.00	
Miss T. W. MacLaren, Secretary to the Dean (paid $1,500 in Department of Surgery)	....	
Assistants:		
Miss M. W. Jones	1,900.00	
Miss O. Russell	1,850.00	
Miss A. Perry, Clerk	1,600.00	
Messenger:		
H. Saunders @ $875 (on leave of absence from September for duration of war)	291.67	
A. Jefferys @ $10 to $14 per week from 15 September	529.33	
Hospital Theatre, Toronto General Hospital:		
C. Hart, Attendant in Lecture Theatre (paid also $5 for Post Graduate Courses)	1,550.00	
J. Martin, Attendant in Cloak Room	500.00	
		$ 14,421.00

Anatomy.

Professors:		
J. C. B. Grant	$ 7,000.00	
W. H. Piersol. Histology and Embryology, @ $5,100., of which half charged to Biology	2,550.00	
J. C. Watt	5,000.00	
Associate Professors:		
H. A. Cates	4,050.00	
A. W. Ham	3,850.00	
R. K. George, Assistant Professor	3,100.00	
C. G. Smith, Lecturer (Sessional) @ $2,300., of which $200 paid by School of Nursing	2,300.00	
Demonstrators (Sessional):		
Miss K. I. McMurrich	700.00	
M. J. Wilson, X-Ray Anatomy (paid also $400 from Medical Research—Best Fund)	400.00	
E. Montgomery, Dental Anatomy	300.00	
D. D. Carpeneto (paid also $200 in Physiology)	300.00	
H. L. Foster (paid also $200 in Physiology)	300.00	

J. A. McCaffrey (paid also $200 in Physiology)	300.00	
J. W. McNichol (paid also $200 from Medical Research—Best Fund)	300.00	
E. G. Meyer (paid also $200 from Medical Research—Best Fund)	300.00	
A. D. Rice @ $300 (resigned 29 February—paid also $125 from Medical Research—Best Fund)	216.67	
F. Burns Plewes	175.00	
Miss E. H. Britton (paid also $600 for Extension Work)	150.00	
Miss M. G. Chapman	150.00	
R. G. MacKenzie (vice A. D. Rice—paid also $500 in Surgery)	83.33	
W. E. L. Sparks, Neurology, @ $50 (on leave of absence from February for duration of war—paid also $100 in Health Service)	30.00	
Dr. Freda Richardson, Neurology	50.00	
Assistants in Histology (Sessional):		
H. C. Elliott	600.00	
H. D. Ball (paid also $75 for Extension Work)	500.00	
J. B. Francis, Artist, 13 weeks @ $12.50	162.50	
H. E. LeMasurier, Senior Technical Assistant, @ $1,900 (part-time @ $1,000 from 1 November to 31 January—on leave of absence from February for duration of war)	1,213.07	
Technical Assistants:		
H. F. Whittaker (paid also $150 in Dentistry)	850.00	
G. A. L. Ross	900.00	
Laboratory Assistants:		
H. McCormick (paid also $10 in Post Graduate Courses)	1,700.00	
S. George @ $1,500 (paid by Workmen's Compensation Board from 25 February to 10 March—paid also $5 in Post Graduate Courses)	1,463.33	
C. E. Storton (paid also $5 in Post Graduate Courses)	900.00	
Miss G. Dowsley, Clerical Assistant	1,300.00	
B. L. Guyatt, Museum Curator (part time)	1,000.00	
	$ 42,193.90	
Less paid by School of Nursing	200.00	
		$ 41,993.90

Pathology and Bacteriology.

Professors:	
William Boyd	$ 8,000.00
W. L. Holman, Bacteriology, also Associate Director of Applied Bacteriology	5,000.00
W. L. Robinson, Pathology, also Associate Director of Applied Pathology (paid also $125 in Medical Jurisprudence)	2,200.00
Assistant Professors:	
G. Lyman Duff @ $2,750 (resigned 31 July)	229.17
I. H. Erb	300.00
W. Magner	300.00
G. Shanks	300.00
D. Nelson Henderson, Associate in Gynaecological Pathology (without salary—paid $1,000 in Obstetrics and Gynaecology)	....
Lecturers (Sessional):	
P. H. Greey, Bacteriology	1,800.00
Dr. R. Margarite Price, Bacteriology and Serology	3,000.00
D. E. O. Magner @ $1,700 from 1 September (paid also $218.18 as Senior Fellow—on leave of absence from December for duration of war)	708.34
Senior Fellow (Sessional):	
D. E. O. Magner, 2 mos. (see also above)	218.18
J. D. Duffin, 10 mos. (paid also $54.55 as Demonstrator)	1,091.00
Fellows (Sessional):	
J. A. Romeyn, Bacteriology	1,000.00
W. G. Rice, Pathology	850.00
J. P. Wyatt, Museum	850.00

Demonstrators in Pathology (Sessional):		
W. B. Charles, 10 mos. (paid also $250 from Special Fund)	545.45	
Dr. Margaret A. Daley (paid also $1,000 in Neuropathology)	100.00	
W. L. Donohue	100.00	
J. H. Shaw	100.00	
J. D. Duffin, 1 month (see also above)	54.55	
Demonstrators in Bacteriology (Sessional):		
L. B. Jackes	100.00	
E. J. Clifford (without salary)		
Assistants in Laboratory:		
Miss N. W. Simpson, Pathology	1,500.00	
Miss H. M. Boyd, Bacteriology	1,100.00	
Miss A. Alvey, Special Technician	1,200.00	
Miss C. M. Westlake, Technician	1,020.00	
Miss E. A. Gordon, Senior Technician, Bacteriology	1,200.00	
Miss M. Jackson, Attendant in Bacteriology	840.00	
Mrs. E. C. Cope, Temporary Technician, Bacteriology, 3 weeks	50.82	
Miss G. K. R. Boyd, Secretary	1,260.00	
Miss V. L. McKinnon, Museum Stenographer	1,260.00	
Miss H. J. Williamson, Librarian and Assistant Secretary	1,020.00	
Junior Attendant in Bacteriology:		
A. Vowles @ $660 (resigned 31 August)	110.00	
A. Gibson, 2 mos. @ $45 and 8 mos. @ $50	490.00	
J. F. Payne, Preparator	1,800.00	
Miss E. Eck, Junior Attendant in Museum	600.00	
Miss M. Wightman, Autopsy Recorder	960.00	
Miss G. F. Johnston, Autopsy Technician	960.00	
	$ 42,217.51	
Division of Neuropathology:		
E. A. Linell, Professor	4,500.00	
Dr. Mary I. Tom, Lecturer (Sessional)	2,000.00	
Dr. Margaret A. Daley, Fellow (Sessional—see also above)	1,000.00	
Miss M. G. Hein, Technician	1,140.00	
Miss H. Rogers, Technician, Medicine and Surgery	1,020.00	
Miss C. A. Bell, Stenographer	1,100.00	
		$ 52,977.51

Pathological Chemistry.

Andrew Hunter, Professor	$ 7,000.00	
T. F. Nicholson, Associate Professor	3,600.00	
R. W. I. Urquhart, Lecturer, @ $1,000 (Sessional—part time; on leave of absence from January for duration of war)	625.00	
Fellows (Sessional):		
H. E. Woodward	1,500.00	
A. G. Gornall	1,000.00	
Demonstrators (Sessional):		
D. L. Selby	600.00	
D. H. Boddington	500.00	
J. Stuart Wilson	250.00	
G. P. Hamblin, Assistant (Sessional)	250.00	
C. E. Downs, Technician	1,500.00	
C. Harrison Downs, Laboratory Assistant	1,200.00	
Laboratory Attendants:		
Mrs. J. Faulds	750.00	
Mrs. C. McCallum (see also Organic Chemistry)	350.00	
Miss C. A. Shannon, Secretary	1,200.00	
		$ 20,325.00

Pharmacy and Pharmacology.

V. E. Henderson, Professor	$ 6,000.00	
G. H. W. Lucas, Associate Professor	4,000.00	
J. K. W. Ferguson, Assistant Professor	3,500.00	
D. D. Bonnycastle, Fellow (Sessional)	1,500.00	
Allan Brock, Technical Assistant	2,100.00	
Chester Codner, Laboratory Attendant	1,160.00	
A. C. Morrison, Technician	900.00	
Miss D. Caldecott, Clerical Assistant	550.00	
		$ 19,710.00

Bio-Chemistry.

Professors:		
H. Wasteneys (paid also $200 as Special Lecturer)	$ 6,000.00	
A. M. Wynne	4,200.00	
Leslie Young, Associate Professor	3,500.00	
B. F. Crocker, Lecturer (Sessional)	2,200.00	
Fellows (Sessional):		
P. Hamilton (paid also $200 in Special Research)	1,050.00	
Miss E. A. Macpherson (paid also $200 in Special Research)	950.00	
Mrs. Jeanne Manery Fisher	900.00	
Jules Tuba	850.00	
F. Root	800.00	
Miss M. Delamere, Secretarial Assistant	1,350.00	
J. W. Fletcher, Senior Technician	1,650.00	
Technicians:		
L. Sloan	1,700.00	
J. H. McClary	1,100.00	
M. Edson, Technical Assistant @ $900 from 1 September (transferred from Connaught Laboratories)	750.00	
Laboratory Assistants:		
G. Lumbard	1,050.00	
W. Clough	1,050.00	
Mrs. Ethel Wilkie, Laboratory Attendant	850.00	
		$ 29,950.00

Physiology.

Professors:	
C. H. Best, also Acting Head of Physiological Hygiene without salary (paid also in Connaught Laboratories and $2,500 from Medical Research—Best Fund)	$ 6,000.00
N. B. Taylor	4,800.00
D. Y. Solandt, Associate Professor (paid also $300 in School of Hygiene and $200 from Medical Research—Best Fund)	3,600.00
E. T. Waters, Assistant Professor (paid also $100 for Extension Work)	3,000.00
E. H. Botterell, Lecturer, Neuro-Physiology (Sessional) @ $1,500 (on leave of absence from April for duration of war—paid also $1,381.25 in Surgery and $20 for Extension Work)	1,381.25
E. Fidlar, Lecturer and Research Associate (paid also $100 from Medical Research—Best Fund and $450 for Extension Work)	2,000.00
Demonstrators (Sessional) @ $1,400:	
R. E. Haist, 7 mos. (transferred to Special Fund from 1st February)	816.67
J. W. Magladery, from 1 February (paid also $720 from Medical Research—Best Fund)	583.33
Fellows (Sessional):	
W. D. Gray	520.00
J. S. Wenzel @ $800 (resigned 29 February)	500.00
Fellows (Sessional—part time):	
D. D. Carpeneto (see also Anatomy)	200.00
H. L. Foster (see also Anatomy)	200.00
J. A. McCaffrey (see also Anatomy)	200.00
J. Markowitz, Research Associate (Sessional—part time)	100.00
Research Assistants (Sessional):	
L. B. Jacques, from end of October @ $1,200 (vice G. Scattergood on war service—paid also $389.60 from Medical Research—Best Fund)	810.40
J. W. Scott, 2 mos.	180.00
Ian Maclachlan (without salary)	....
Miss M. Cory, Departmental Librarian	1,250.00
Miss D. Secord, Secretarial Assistant (paid also $100 from Medical Research—Best Fund)	1,250.00
A. Elliott, Mechanician	1,850.00
F. L. Robinson, Technical Assistant and Glass-blower (paid also $500 from Medical Research—Best Fund)	2,000.00
J. D. Brown, Technical Assistant, Bio-physics	1,500.00
T. W. Kober, Technical Assistant, 15 January to 30 June (without salary)	....

G. Scattergood, Laboratory Assistant for Teaching Laboratories, @ $1,250 (on leave of absence from September for duration of war)	439.60	
G. L. Robinson, Animal Caretaker	1,350.00	
A. D. Crouch, Assistant Animal Caretaker	1,100.00	
		$ 35,631.25

Hygiene and Preventive Medicine.

Professors (paid also in Connaught Laboratories):		
J. G. FitzGerald (part time—see also School of Hygiene)	....	
D. T. Fraser	$ 4,500.00	
P. J. Moloney, Associate Professor (paid in Connaught Laboratories and $2,800 in School of Hygiene)	....	
Assistant Professors (paid also in Connaught Laboratories):		
M. H. Brown @ $1,100 (on leave of absence from December for duration of war)	664.62	
Dr. Frieda H. Fraser	1,100.00	
Lecturers (Sessional):		
F. O. Wishart	3,000.00	
Miss H. C. Plummer (paid also in Connaught Laboratories)	500.00	
E. L. Davey, 1 February to 30 June (vice M. H. Brown)	435.00	
R. J. Wilson, Fellow (Sessional)	1,000.00	
Demonstrators (Sessional):		
J. W. Fisher	800.00	
A. M. Fallis (paid also $100 in Special Research, Biology)	400.00	
R. Hare (paid also in Connaught Laboratories)	400.00	
Miss E. M. Parr, Class Assistant (Sessional)	744.00	
A. J. Bishop, Technician (paid also in Connaught Laboratories)	800.00	
Miss E. Barr, Secretarial Assistant	1,200.00	
		$ 15,543.62

Medicine and Clinical Medicine.

Duncan Graham, Professor	$ 10,000.00
Assistant Professors:	
H. K. Detweiler	300.00
G. W. Howland (paid also $60 for Extension Work)	300.00
J. D. Loudon	300.00
John A. Oille (paid also $20 in Health Service)	300.00
E. J. Trow (in charge of Dermatology)	300.00
R. F. Farquharson @ $2,000., of which half charged to Therapeutics	1,000.00
W. Fletcher McPhedran (half time)	500.00
Associates:	
W. R. Campbell (full time)	2,000.00
Part-time:	
R. G. Armour (paid also $50 for Extension Work)	250.00
J. H. Elliott (paid also $700 as Professor of History of Medicine; $40 in School of Nursing, and $30 for Extension Work)	250.00
A. A. Fletcher (paid also $30 for Extension Work)	250.00
Beverley Hannah (paid also in Connaught Laboratories and $190 in School of Nursing)	250.00
J. Hepburn	250.00
F. W. Rolph	250.00
Half-time:	
Trevor Owen (paid also $215 in School of Nursing)	500.00
W. P. Warner @ $500 (on leave of absence from October for duration of war)	208.34
Senior Demonstrators (Sessional):	
Half-time:	
G. W. Lougheed	500.00
H. H. Hyland @ $500 (on leave of absence from October for duration of war)	208.34

Part-time:		
Gordon Bates (paid also $20 in School of Nursing)	200.00	
G. F. Boyer	200.00	
E. A. Broughton	200.00	
A. H. W. Caulfeild (ob. 2 May—stipend paid to widow; paid also $20 in Health Service and in Connaught Laboratories)	200.00	
E. E. Cleaver	200.00	
H. A. Dixon	200.00	
J. G. Falconer (paid also $50 for Extension Work)	200.00	
J. H. McPhedran	200.00	
E. J. Maltby	200.00	
W. E. Ogden	200.00	
J. A. Dauphinee, Senior Demonstrator, Clinical Microscopy (Sessional—without salary; paid as Junior Demonstrator $2,000)		
Junior Demonstrator, Clinical Microscopy (Sessional):		
H. M. Gray (without salary—on leave of absence from November for duration of war)		
A. H. Squires (temporary vice H. M. Gray; also in Therapeutics without salary)	150.00	
Junior Demonstrators (Sessional):		
Part-time:		
E. F. Brooks	150.00	
W. Hurst Brown	150.00	
A. R. Hagerman (on leave of absence from January for duration of war)	150.00	
F. C. Hamilton	150.00	
L. M. Murray	150.00	
A. E. Parks	150.00	
D. J. Prendergast	150.00	
N. M. Wrong	150.00	
Temporary and part-time:		
C. R. Burton	150.00	
T. A. Crowther (paid also $100 in Health Service)	150.00	
R. Ian Macdonald (half time)	500.00	
Full-time:		
R. A. Cleghorn	3,000.00	
J. Wallace Graham	2,400.00	
J. C. Richardson @ $2,400 (on leave of absence from April for duration of war)	2,200.00	
J. Allan Walters, 3 mos. @ $2,400 (vice J. C. Richardson)	600.00	
R. B. Kerr	2,000.00	
J. A. Dauphinee (see also above)	2,000.00	
H. E. Rykert @ $1,500 (on leave of absence from October for duration of war)	625.00	
Fellows (Sessional):		
A. P. W. Clarke	1,000.00	
W. A. Oille	1,000.00	
Research Assistants:		
Miss M. I. Hanna	1,440.00	
N. W. Simmons	1,200.00	
Miss S. H. Clutton, Secretary	1,440.00	
Miss B. M. Calvin, Secretarial Assistant, @ $840., of which half charged to Therapeutics	420.00	
Miss N. R. Hearn, Technician, Applied Physiology	1,320.00	
R. H. Wilson, Laboratory Attendant	780.00	
		$ 43,491.68

Paediatrics.

Alan Brown, Professor (paid also $170 in School of Nursing)	$ 700.00
F. F. Tisdall, Director of Paediatric Research Laboratories (Sessional—without salary; paid $2,000 as Associate)	
Associates:	
F. F. Tisdall (see also above)	2,000.00
T. G. H. Drake	2,000.00
Part-time:	
E. A. Morgan	400.00
A. W. Canfield	250.00

Senior Demonstrators (Sessional—part time):		
Dr. Gladys L. Boyd	500.00	
A. P. Hart	200.00	
G. E. Smith	200.00	
W. W. Barraclough	150.00	
Junior Demonstrators (Sessional—part time):		
Nelles Silverthorne, also Research Assistant without salary (paid also in Connaught Laboratories)	300.00	
C. E. Snelling	300.00	
J. R. Ross	200.00	
W. A. Hawke	200.00	
Junior Demonstrators (Sessional—without salary):		
A. L. Chute (paid $1,375 from Medical Research—Best Fund)	....	
J. H. Ebbs	....	
J. D. M. Griffin (see also Psychology)	....	
J. D. Keith	....	
Dr. Elizabeth C. Robertson, Research Fellow (Sessional—part time)	200.00	
Research Assistants (Sessional):		
Nelles Silverthorne, Bacteriology (without salary—see also above)	....	
S. H. Jackson, 8 mos.	900.00	
Miss E. F. McNamara, Special Technician (paid also $1,000 from Special Fund)	200.00	
Technicians in Research Laboratories (Sessional—part time):		
Miss M. E. Doyle	200.00	
Miss W. M. Johnston(without salary)	....	
Miss M. L. Cassidy, Secretarial Assistant	500.00	
		$ 9,400.00

Surgery and Clinical Surgery.

W. E. Gallie, Professor (paid also as Dean)	$ 10,000.00
Assistant Professors:	
T. A. J. Duff (paid also $10 for Post Graduate Courses)	300.00
R. R. Graham	300.00
K. G. McKenzie	300.00
Robin Pearse	300.00
D. E. Robertson (paid also $20 in Health Service and $25 for Post Graduate Courses)	300.00
E. S. Ryerson (see also Administration)	300.00
N. S. Shenstone	300.00
G. E Wilson (paid also $25 for Post Graduate Courses)	300.00
Associates:	
R. E. Gaby	250.00
R. I. Harris (paid also $20 for Post Graduate Courses)	250.00
A. B. LeMesurier (paid also $10 for Post Graduate Courses)	250.00
T. A. Robinson (paid also $10 for Post Graduate Courses)	250.00
J. W. Ross	250.00
H. W. Wookey	250.00
Senior Demonstrators (Sessional):	
G. S. Foulds	200.00
C. W. Harris (paid also $15 for Post Graduate Courses)	200.00
R. M. Janes	200.00
J. C. McClelland	200.00
R. J. A. McComb	200.00
J. L. McDonald (paid also $10 for Post Graduate Courses and $40 for Extension Work)	200.00
C. B. Parker	200.00
J. Spence Reid	200.00
R. H. Thomas (paid also $25 for Post Graduate Courses and $200 in Health Service)	200.00
Junior Demonstrators (Sessional):	
H. G. Armstrong (paid also $10 for Post Graduate Courses)	150.00
J. W. Brennan	150.00
W. G. Carscadden (paid also $20 for Post Graduate Courses)	150.00
J. H. Couch	150.00
C. R. B. Crompton	150.00

J. T. Danis	150.00	
A. W. Farmer	150.00	
S. D. Gordon (paid also $50 for Post Graduate Courses—on leave of absence from January for duration of war)	150.00	
W. S. Keith (paid also $10 for Post Graduate Courses)	150.00	
F. I. Lewis (paid also $75 for Post Graduate Courses and $20 for Extension Work)	150.00	
J. A. MacFarlane (paid also $35 for Post Graduate Courses and $200 in Health Service; on leave of absence from Januray for duration of war)	150.00	
D. R. Mitchell	150.00	
D. W. G. Murray (paid also $35 for Post Graduate Courses)	150.00	
D. W. Pratt (paid also $10 for Post Graduate Courses)	150.00	
T. R. Sarjeant (paid also $20 for Post Graduate Courses—on leave of absence from January for duration of war)	150.00	
E. E. Shouldice	150.00	
R. M. Wansbrough (on leave of absence from January for duration of war)	150.00	
C. H. Watson	150.00	
A. W. M. White (paid also $10 for Post Graduate Courses—on leave of absence from January for duration of war)	150.00	
W. K. Welsh (paid also $115 in School of Nursing)	150.00	
Fellows (Sessional—part time):		
S. A. Thomson	2,200.00	
E. H. Botterell (see also Physiology)	1,381.25	
C. Aberhart @ $1,500 (on leave of absence from January for duration of war)	1,000.00	
F. G. Kergin @ $1,500 (on leave of absence from December for duration of war)	875.00	
R. C. Laird	900.00	
R. G. McKenzie (see also Anatomy)	500.00	
Fellows (Resident—Sessional):		
J. R. F. Mills (paid also $25 for Post Graduate Courses)	400.00	
W. D. Smith (paid also $25 for Post Graduate Courses)	400.00	
F. R. Wilkinson @ $400 (resigned 31 December—paid also $25 for Post Graduate Courses)	200.00	
B. F. Hazelwood, 4 mos. (vice F. R. Wilkinson)	200.00	
Assistant Fellows (Resident—Sessional):		
W. S. Anderson	300.00	
W. G. Bigelow	300.00	
F. H. Cote	300.00	
F. P. Dewar	300.00	
C. P. McCormick (on leave of absence from January for duration of war with full honorarium)	300.00	
A. D. McLachlin	300.00	
T. M. Steele	300.00	
E. B. Tovee	300.00	
H. V. Slemon, 4 mos. (vice C. P. McCormick)	150.00	
H. Hayward @ $300 (ob. 29 November)	112.50	
G. F. Pringle, Laboratory Technician	1,200.00	
Miss T. W. MacLaren, Secretary (see also Administration)	1,500.00	
		$ 32,118.75

Obstetrics and Gynaecology.

William A. Scott, Professor (paid also $40 in School of Nursing)	$ 5,000.00
Assistant Professors:	
N. D. Frawley	300.00
H. B. Van Wyck (paid also $130 in School of Nursing)	300.00
R. W. Wesley	300.00
Senior Demonstrators (Sessional):	
W. G. Cosbie	200.00
W. W. Lailey	200.00
D. M. Low	200.00
S. J. N. Magwood (paid also $100 in Health Service)	200.00

Junior Demonstrators (Sessional):		
L. T. A. Armstrong	150.00	
W. A. Dafoe	150.00	
J. C. Goodwin	150.00	
H. W. Johnston	150.00	
John Mann	150.00	
H. K. Manning	150.00	
R. B. Meiklejohn	150.00	
W. H. Murby	150.00	
W. T. Noonan	150.00	
F. J. O'Leary	150.00	
A. D. T. Purdy	150.00	
G. L. Watt	150.00	
Douglas E. Cannell (on leave of absence for duration of war)	....	
Fellows (Sessional):		
D. N. Henderson (see also Pathology and Bacteriology)	1,000.00	
G. A. Hendry	1,000.00	
J. R. McArthur, 9 mos. (part time)	500.00	
Miss M. Bonham, Laboratory Technician	1,100.00	
Secretary @ $900:		
Miss H. Carson (on leave of absence from January for duration of war)	609.00	
Miss V. Wilgar (vice Miss Carson)	375.00	
		$ 13,084.00

Ophthalmology.

W. H. Lowry, Professor	$ 700.00	
Associates:		
F. A. Aylesworth	200.00	
C. E. Hill	200.00	
Mortimer Lyon	200.00	
W. W. Wright	200.00	
A. E. MacDonald (part time)	900.00	
T. Harold Hodgson, Assistant (part time—Sessional)	700.00	
Junior Assistants (Sessional):		
J. F. A. Johnston	200.00	
W. R. F. Luke	200.00	
A. L. Morgan	200.00	
H. M. Macrae	200.00	
Miss M. Gray, Secretarial Assistant @ $1,000., of which half charged to Oto-Laryngology	500.00	
		$ 4,400.00

Oto-Laryngology.

G. M. Biggs, Professor and Head of Department	700.00	
A. A. Campbell, Associate	250.00	
Senior Demonstrators (Sessional):		
H. H. Burnham	200.00	
C. A. Rae (on leave of absence from September for duration of war)	....	
J. X. Robert	200.00	
A. H. Veitch	200.00	
D. E. S. Wishart	200.00	
Junior Demonstrators (Sessional):		
H. W. D. McCart (on leave of absence from December for duration of war)	75.00	
Gregor McGregor	150.00	
A. M. McLeod	150.00	
G. C. Snell	150.00	
J. Grant Strachan	150.00	
J. A. Sullivan	150.00	
Part time:		
P. E. Ireland	500.00	
H. H. Campbell	500.00	
Miss M. Gray, Technician (half time—see also Ophthalmology)	500.00	
		$ 4,075.00

Therapeutics.

R. F. Farquharson, Assistant Professor and Head of Department (see also Department of Medicine)	$ 1,000.00	
H. J. Shields, Associate in charge of Anaesthesia	250.00	
W. J. Gardiner, Associate in charge of Physical Therapy (paid also $500 for Extension Work)	400.00	
C. E. Cooper Cole, Senior Demonstrator (Sessional)	200.00	
Junior Demonstrators in Anaesthesia (Sessional):		
G. R. Balfour	150.00	
W. E. Brown (paid also $10 in School of Nursing)	150.00	
C. G. Bryan	150.00	
S. M. Campbell (on leave of absence from September for duration of war)	....	
J. Chassels (vice S. M. Campbell)	150.00	
N. S. Clark	150.00	
S. J. Evelyn	150.00	
H. R. Hargrave	150.00	
K. M. Heard	150.00	
K. E. Hollis	150.00	
C. H. Robson	150.00	
A. R. Wilkins	150.00	
Assistants (Sessional):		
A. W. Bagnall	50.00	
J. A. G. Reid	50.00	
K. J. R. Wightman	50.00	
A. H. Squires (without salary—see Department of Medicine)	....	
Miss R. Shilton, Assistant in Physical Therapy (Sessional—paid also $1,800 in University Extension Department)	300.00	
R. A. Mustard, Research Fellow, 8 mos.	800.00	
Miss B. M. Calvin, Secretarial Assistant (part time—see also Department of Medicine)	420.00	
		$ 5,170.00

Psychiatry.

C. B. Farrar, Professor (paid also $100 in Health Service)	$ 5,000.00	
E. P. Lewis, Assistant Professor	500.00	
Demonstrators (Sessional):		
J. E. Sharpe (vice C. H. McCuaig, Associate, resigned—paid also $300 from Special Fund)	250.00	
G. W. Anderson	150.00	
Dr. Ruth M. Franks (paid also $200 for Extension Work)	150.00	
Dr. Mary V. Jackson	150.00	
B. T. McGhie	150.00	
C. G. Stogdill (see also Psychology)	150.00	
Fellows (Sessional—without salary):		
K. G. Gray, Forensic Psychiatry (see also Law)	....	
J. D. M. Griffin, Child Psychiatry (see also Psychology)	....	
Miss A. F. Abbott, Secretarial Assistant (Sessional—without salary)	....	
		$ 6,500.00

Medical Jurisprudence.

Lecturers (Sessional):		
W. L. Robinson (see also Pathology and Bacteriology)	125.00	
K. G. Gray (see also Law)	125.00	
		$ 250.00

Radiology.

G. E. Richards, Professor	$ 700.00	
A. C. Singleton, Assistant Professor (on leave of absence from January for duration of war)	166.67	
C. L. Ash, Assistant (Sessional—part time)	500.00	
Senior Demonstrators (Sessional):		
M. R. Hall	200.00	
A. H. Rolph	200.00	
J. Somers	200.00	
J. F. Hinds, Senior Demonstrator and Research Assistant (Sessional)	487.50	
		$ 2,454.17

Research Professor.

Sir Frederick Banting (paid $5,000 in Special Research)		....	....

Special Lectures.

Professor J. H. Elliott, History of Medicine (see also Department of Medicine)		$ 700.00	
Special Lecturers (Sessional):			
D. M. Tanner, Dentistry (paid also $50 as Associate in Dentistry—on leave of absence from May for duration of war)		100.00	
Science and Civilization:			
A. F. Coventry (see also Biology)		200.00	
H. Wasteneys (see also Bio-Chemistry)		200.00	
J. G. Falconer, Life Insurance (without salary—see also Department of Medicine)		....	
G. S. Young, Medical Ethics and Economics(without salary)		....	
			$ 1,200.00
			$352,695.88
Less charged to:			
Rockefeller Fund	$ 49,853.22		
Eaton Endowment	28,266.68		
		$ 78,119.90	
			$274,575.98

56a. Post Graduate Courses.

Physiotherapy ($175.00):	
Honoraria to Instructors:	
A. A. Fletcher	$ 6.00
W. J. Gardiner	123.50
G. W. Howland	6.00
W. S. Keith	18.00
E. S. Ryerson	6.00
R. H. Thomas	6.00
Sundry Expenses:	
Toronto General Hospital, luncheon	9.50
Fractures ($783.42):	
Honoraria to Instructors ($510.00):	
H. G. Armstrong	10.00
W. G. Carscadden	20.00
T. A. J. Duff	10.00
S. D. Gordon	50.00
C. W. Harris	15.00
R. I. Harris	20.00
W. S. Keith	10.00
A. B. Le Mesurier	10.00
R. C. Laird	10.00
T. I. Lewis	75.00
J. L. McDonald	10.00
J. A. MacFarlane	35.00
J. R. F. Mills	25.00
D. W. G. Murray	35.00
D. W. Pratt	10.00
D. E. Robertson	25.00
T. A. Robinson	10.00
T. R. Sargeant	20.00
W. D. Smith	25.00
R. H. Thomas	25.00
A. W. M. White	10.00
F. R. Wilkinson	25.00
G. E. Wilson	25.00
Attendants ($60.00):	
J. G. Dewar	5.00
S. George	5.00
C. Hart	5.00
C. A. Lovatt	10.00

H. McCormick	10.00	
M. J. Stephens	10.00	
C. E. Storton	5.00	
H. Watterson	10.00	
Sundry Expenses ($213.42):		
Hospital for Sick Children, supplies	14.07	
St. Michael's Hospital, supplies	25.00	
Toronto General Hospital, supplies	105.62	
Toronto Western Hospital, supplies	22.26	
Victor X-Ray Corporation of Canada, supplies	21.47	
Sundry disbursements by W. E. Gallie for gratuities	25.00	
		$ 958.42

57. Anatomy.

Anatomical Material ($2,769.21):		
E. E. Bolton	$ 390.00	
Canadian Industrial Alcohol Co.	139.15	
Joseph Gatensby	124.00	
J. C. B. Grant, models	69.50	
C. Hunt	28.00	
Imperial Oil Limited	73.66	
Jerrett Funeral Parlour	30.00	
Lever Bros., Ltd.	83.52	
Mallinckrodt Chemical Works	74.25	
F. W. Matthews Co.	1,284.55	
Ralston Purina Co.	23.03	
Harry R. Ranks	150.00	
C. G. Smith	16.34	
N. Smith Belting Works	17.25	
Wm. Speers	60.00	
P. M. Thompson	35.00	
J. Frank Raw	15.00	
Accounts under $10 (7)	31.75	
Superintendent's Dept., labour, $52.61; material, $71.60	124.21	
General Supplies, Equipment and Incidentals $1,941.55):		
Allen Mfg. Co., laundry	105.92	
Dr. Brock R. Brown, pen and ink drawings	45.00	
Canadian Industries Ltd., chemicals	27.48	
Central Scientific Co. Ltd., glass, paper, etc.	186.17	
Corbett-Cowley, Ltd., laboratory coats	93.09	
W. V. Dawson Ltd., paper, binder	159.54	
T. Eaton Co. Ltd., cheese cloth	10.80	
Gevaert Co., photo plates, paper, X-Ray film	91.02	
Grand and Toy Ltd., transfer cases, dish tray	19.70	
J. F. Hartz Co., pencils, microscope slides	22.50	
Ingram and Bell, X-Ray supplies, chemicals, etc.	38.98	
H. E. LeMasurier, honorarium	86.00	
H. H. Lewis & Co., Ltd., reprints	14.55	
Mallinckrodt Chemical Works, chemicals	67.73	
Gordon Mackay & Co. Ltd., towels, cotton	28.96	
Office Specialty Mfg. Co., card cabinet	15.25	
Postage	29.00	
Ralston Purina Co., feed	236.84	
Robbins and Townsend, typewriter maintenance	14.40	
Mrs. Audrey H. Short, coloured slides	11.65	
Stephens Sales Ltd., stationery	54.01	
G. A. Tuck, brackets	13.25	
University Press, printing and stationery	222.64	
Victor X-Ray Corporation of Canada, X-Ray tube	80.00	
Accounts under $10 (14)	71.60	
Sundry disbursements by department:		
Hardware, $43.41; stationery and drugs, $19.68; postage, food supplies and sundries, $16.87	79.96	
Superintendent's Dept., freight, $8.49; labour, $17.04; material, $89.98	115.51	
	$ 4,710.76	
Less Credits: X-Ray fees, $172.00; sale of materials, $59.80	231.80	
		$ 4,478.96

58. Pathology and Bacteriology.

Supplies and Apparatus ($3,104.35):		
American Medical Association, subscription, reprints	$	30.84
Allen Mfg. Co., laundry		192.60
Agfa Ansco Ltd., photo paper		12.12
Bauer and Black Ltd., cotton		32.67
British Drug Houses, acids		10.85
Bruce Publishing Co., reprints		18.62
Canada Sales Agency, stapler, staples		10.75
Canadian Medical Association, reprints		12.00
Canadian Kodak Sales, chemicals		12.64
Walter A. Carveth, camera and projector supplies		58.00
Central Scientific Co. Ltd., glassware, chemicals, etc.		100.83
Committee of Experimental Research, animals		195.60
Corbett-Crowley Ltd., laboratory coats		48.15
Diamond Cleanser and Soaps Ltd., soap powder		17.12
Eastman Photographic Stores, photo supplies		103.09
T. Eaton Co., Ltd., wax, thread		25.20
Frigidaire Division, General Motors Sales, frigidaire service		109.37
Gevaert Co., photo supplies		62.84
John Hopkins Press, reprints		19.89
J. F. Hartz Co., chemicals, slides, etc.		284.15
Imperial Oil Ltd., parowax		10.40
Ingram and Bell, glassware, chemicals, etc.		345.22
Journal of Infectious Diseases, reprints		11.98
Kilgour's Limited, paper		16.18
Lea and Febiger, reprints		26.37
MacCallum Scale Service, scale repairs		29.30
Miller's Meat Market, meat		126.13
Mimeograph Co. Ltd., ink, paper, covers, etc.		20.16
Oliver and Boyd, reprints		10.75
Postage		73.75
Robbins and Townsend, typewriter maintenance		36.60
Trust Fund Eaton Endowment, reprints		11.60
H. L. Vickery, overtime services		11.50
University Press, printing and stationery		280.42
Accounts under $10 (17)		87.57
Sundry disbursements by department:		
Hardware, $40.48; stationery, $19.30; dry ice, supplies, laundry and sundries, $40.15		99.93
Superintendent's Dept., freight, $6.82; labour, $266.92; material, $275.42		549.16
Museum Supplies ($451.92):		
Agfa Ansco Ltd., photo paper		10.48
Burke Electric and X-Ray Co. Ltd., Kodaloid		15.00
T. Eaton Co. Ltd., crocks, covers		18.00
Grand and Toy, gummed linen, index		14.00
J. F. Hartz & Co., chemicals		63.46
Queen City Glass Co., glass		13.24
University Press, books		11.15
Accounts under $10 (6)		16.43
Superintendent's Dept., labour, $205.64; material, $84.52		290.16
Alterations to Museum:		
Superintendent's Dept., labour, $443.55; material, $201.87		645.42
Clerical Assistance ($224.20):		
Mrs. R. Feeney, 20 days		50.00
Mrs. M. Walkden, 2 mos., 10 days		174.20
Neuropathology ($737.81):		
Allen Mfg. Co., laundry		38.89
Corbett-Cowley Ltd., laboratory coats		24.08
J. F. Hartz Co., chemicals, rubber gloves, etc.		166.96
Ingram and Bell Ltd., glassware, chemicals		76.68
Liquid Carbonic Canadian Corporation, gas		40.00

Office Specialty Mfg. Co., filing cabinet	107.50	
Postage	21.00	
University Press, printing and stationery	124.01	
Accounts under $10 (6)	40.68	
Superintendent's Depart., labour, $8.62; material, $89.39	98.01	
	$ 5,163.70	
Less credits: Laboratory deposits, $133.70; sale of materials, etc., $133.00	266.70	
		$ 4,897.00

59. Pathological Chemistry.

Supplies and Apparatus:		
Allen Mfg. Co., laundry	$ 68.03	
Bausch and Lomb Optical Co., colorimeter repairs	18.00	
British Drug Houses, chemicals	300.30	
Cambridge University Press, reprints	15.66	
Canadian Industries Ltd., acid	151.56	
Canadian Kodak Sales, chemicals	22.13	
Central Scientific Co., glassware, electric still, chemicals, etc.	1,056.89	
Corning Glass Works, glassware	41.32	
Dewey and Almy Chemical Co., sodasorb	39.20	
Eastman Kodak Co., chemicals	45.50	
T. Eaton Co., Ltd., towels, cheesecloth, pails, etc.	18.32	
Ingram and Bell, Ltd., vacuum drying tube	12.25	
Victor Niedirl, chemical analysis	13.50	
Oliver and Boyd, reprints	10.76	
Thos. Pocklington Ltd., repairing balances	30.00	
Roneo Co. of Canada, Ltd., stencils, ink. etc.	23.25	
F. M. Shepherd, fabricating de-hidration chamber	16.00	
S. S. White Co. of Canada Ltd., gas	15.29	
University Press, printing and stationery	88.20	
Accounts under $10 (13)	55.71	
Sundry disbursement by the department:		
Postage, $19.81; sundries, $20.19	40.00	
Superintendent's Dept., freight, $1.00; labour, $38.74; material, $66.64	106.38	
	$ 2,188.25	
Less Credits: Laboratory Deposits, $47.90; material returned, $12.75; sale of material, $59.00	119.65	
		$ 2,068.60

60. Pharmacy and Pharmacology.

Supplies ($1,774.67):	
Aikenhead Hardware, hardware	$ 35.96
Allen Mfg. Co., Ltd., laundry	19.82
Barchard & Co., Ltd., sawdust	12.00
R. F. Breux, frogs	34.00
British Drug Houses, chemicals	60.54
Allan Brock, animals	313.70
Burroughs Wellcome & Co., drugs	97.06
Canadian Electrical Supply Co., electrical supplies	42.48
Canadian Industries Ltd., acids	16.09
Canadian Laboratory Supplies, glassware, chemicals	144.85
R. H. Chappell, glass blowing	17.10
Connaught Laboratories, heparin	10.42
Corbett-Cowley Ltd., laboratory coats	28.25
Drug Trading, drug supplies	39.64
The Hoover Co., vacuum cleaner repairs	16.50
Ingram and Bell Ltd., drug supplies	53.30
John McGillian, carrots	10.50
National Drug & Chemical Co., containers	32.96
Ontario Rubber Co., rubber mats, tubing	57.02
Photographic Service, photo supplies	16.85
Queen City Dental Mfg. Ltd., cyclopropane, oxygen	39.00
Ralston Purina Co., Ltd., feed	141.50
Riseborough and Jackson, Ltd., feed	12.72
Rubicon Co., test tubes	15.41

Scientific Glass Apparatus Co., scubbers	26.52	
Vails Systems, laundry	10.25	
Waverley Press Inc., reprints	24.21	
York Trading Co., salmon	14.52	
University Press, stationery, printing	90.38	
Accounts under $10 (11)	53.65	
Sundry disbursements by department:		
Ice & Food supplies, $15.09; hardware, stationery, and sundries, $14.59	29.68	
Superintendent's Dept., freight, $8.81; labour, $13.24; material, $235.74	257.79	
Apparatus ($394.62):		
Joe Becker, time marker	12.01	
Canadian General Electric, micrometer	13.23	
Canadian Laboratory Supplies, weights, balance, stop watch, etc.	259.79	
Central Scientific Co., weights, pressure pump, etc.	109.59	
	$ 2,169.29	
Less credit: sale of materials	60.00	
		$ 2,109.29

61. Bio-Chemistry (including Zymology)

Supplies and Apparatus:		
Acme Farmer's Dairy, milk	$ 34.40	
Aikenhead Hardware Ltd., hardware	28.98	
Allen Mfg. Co., laundry	31.22	
Barchard & Co., sawdust	10.80	
J. G. Biddle Co., wax	11.07	
Borden Co., Ltd., powdered milk	76.20	
British Drug Houses, chemicals	271.50	
Canada Packers Ltd., dogfood, meat	226.92	
Canadian Industries Ltd., acids	173.10	
Canadian Laboratory Supplies, glassware, tubing, etc.	1,167.33	
Canadian Liquid Air Co., gas	53.54	
Central Scientific Co., glassware, funnels, etc.	244.11	
R. H. Chappell, glass blowing	68.14	
City Dairy Co., dry ice	42.90	
Connaught Laboratories, vials, animals, etc.	13.97	
Corbett-Cowley Ltd., laboratory coats	52.97	
Eastman Kodak Co., chemicals	148.51	
T. Eaton Co., Ltd., dishes, batting, etc.	17.93	
Fish-Schurman Corporation, filters	27.74	
Halliday, Flint Glass Works, test tubes	20.76	
Hoffman-LaRoche Ltd., benz-pyrene	58.53	
Insulin Committee, animals	10.50	
Johnson Matthey Co., brass tubing platinum cylinder, etc.	21.43	
Johnson Office Furniture Co., stand	10.00	
Journal of Biological Chemistry, indexes, reprints	33.27	
Kelvinator of Canada Ltd., service, parts	24.34	
Lowe-Martin Co., card file	25.50	
E. Machlett & Son, glassware	161.25	
Mead Johnson & Co., cod liver oil, yeast powder	30.63	
Merck & Co., chemicals	259.09	
Quinte Milk Products, casein	15.35	
Shipway Iron & Wire Co., wire cloth	15.27	
Toronto Elevators, feed	12.55	
Wholesale Radio Co., radio supplies	38.62	
University Press, printing and stationery	109.45	
Accounts under $10 (16)	93.24	
Sundry disbursements by department:		
Food supplies, $75.82; postage, $24.52; hardware, express, sundries, $24.66	125.00	
Superintendent's Dept., freight, $9.09; labour, $418.12; material, $627.34	1,054.55	
	$ 4,820.66	
Less credits: Laboratory Deposits, $280.31; sale of material, $50.00	330.31	
		$ 4,490.35

62. Physiology.

Supplies and Apparatus:

Acme Farmer's Dairy Ltd., milk	$ 52.66	
Arlington Laboratories, chemicals	24.70	
Cambridge University Press, reprints	20.92	
Canada Packers Ltd., meat	44.52	
Canadian Fairbanks Morse Ltd., hardware, metals	152.40	
Canadian Indutries Ltd., acids	78.79	
Canadian Liquid Air, gas	38.16	
Canadian National Carbon Co., batteries	12.12	
Central Scientific Co., chemicals, filter paper, etc.	181.76	
R. H. Chappell, glass blowing	13.00	
City Dairy, dry ice	13.00	
Joseph Cooper Ltd., meat	205.60	
Cullen and Sons, animals	563.50	
Eastman Kodak Co., chemicals	23.04	
T. Eaton Co., Ltd., gauze, needles, lamps, etc.	222.60	
Ingram and Bell, needles, sutures, etc.	30.00	
Frank Jennings, sawdust	38.00	
Kelley Feed and Seed Co., feed	454.20	
Eli Lilly & Co., chemicals	18.42	
Munson Supply Co., keys	11.00	
Nichols Chemical Co., acids	13.50	
Postage	21.00	
Rainbow Lantern Slide Co., slides	64.20	
Wholesale Radio Co., transformer, tubes, etc.	31.81	
University Press, printing, stationery	156.74	
Accounts under $10 (29)	127.94	
Sundry disbursements by department:		
Hardware, $19.56; laundry, $263.12; books and stationery, $11.57; dry ice, drugs, postage, telephone and sundries, $40.75	335.00	
Superintendent's Dept., freight, $12.88; labour, $53.63; material, $555.28	621.79	
	$ 3,570.87	
Less credits: Laboratory deposits, $38.85; materials returned, $1.23	40.08	
		$ 3,530.79

63. Hygiene and Preventive Medicine.

Supplies and Apparatus ($2,639.01):

Canadian Office and School Furniture Co., cupboard	$ 65.00	
Walter A. Carveth & Co., microscopes repaired, etc.	49.00	
Connaught Laboratories, supplies, care of animals	1,226.38	
Dr. G. R. F. Elliott, microscope	68.00	
Andrew M. Forbes, covers, envelopes, etc.	72.09	
General Biological Supply House, cultures	21.24	
Gray Coach Lines, coaches to Connaught Laboratories Farm, to transport students for instruction	320.00	
Mimeograph Co., stencils, paper, ink, etc.	95.77	
G. A. McVicar, microscope	68.00	
Ontario Laundry Co., laundry	41.80	
Postage	16.00	
Harry H. Sparks, covers, envelopes, etc.	73.98	
University Press, printing and stationery	414.93	
Accounts under $10 (3)	6.39	
Sundry disbursements by department	10.00	
Superintendent's Dept., freight, $1.93; labour, $60.47; material, $28.03	90.43	
Cleaner, Mrs. Ada Hall, 288 days	720.00	
	$ 3,359.01	
Less credits: sale of materials, etc.	217.70	
		$ 3,141.31

64. Medicine.

Supplies and chemicals ($2,081.79):	
Acme Farmer's Dairy, milk	$ 31.25
Allen Mfg. Co., laundry	52.37
American Heart Association, reprints	10.82
American Medical Association, reprints	14.57
Association for the Study of External, secretions, reprints	21.78
British Drug Houses, chemicals	105.49
Cambridge University Press, reprints	10.98
Canada Packers Ltd., meat	96.15
Canadian Laboratory Supplies, chemicals, peppettes, etc.	408.23
Canadian Medical Association, reprints	48.75
Christie, Brown & Co., biscuits	17.29
Connaught Laboratories, adrenal extract	337.50
Corbett-Cowley Ltd., uniforms	18.51
W. J. Dornan, engraving	32.26
T. Eaton Co. Ltd., uniforms, laboratory coats	10.16
Ingram & Bell Ltd., chemicals	302.45
Lea and Febiger, reprints	14.61
Charles C. Marchand Co., reprints	36.55
Postage	50.16
Special Research, cost of animals	252.00
University Press, printing and stationery	30.27
W. Lloyd Wood Ltd., vaccines, serums	21.52
Accounts under $10 (9)	25.09
Sundry disbursements by department	19.95
Superintendent's Dept., freight, $6.42; labour, $5.25; material, $101.41	113.08
Apparatus ($794.37):	
Baker Platinum Canada Limited, crucibles	113.72
Canadian Laboratory Supplies, thermometers, glassware, etc.	200.84
Central Scientific Co., glassware, etc.	224.12
Office Specialty Mfg. Co., binding cases, cabinet	25.00
Rainbow Lantern Slide Co., slides	17.10
Robbins and Townsend, typewriter maintenance	25.20
Accounts under $10 (8)	24.07
Superintendent's Dept., labour, $78.35; material, $85.97	164.32
Books and Periodicals ($752.64):	
McAinsh & Co., books	44.40
Thos. Nelson & Son, books	16.83
University Press, books, subscriptions, binding	685.77
Accounts under $10 (2)	5.64
Laboratory Cleaning:	
Miss E. Bailey, 52 weeks, 1 day	328.65
	$ 3,957.45
Less credits: sale of materials	11.60
(Charged to Eaton Endowment)	$ 3,945.85

65. Paediatrics.

Supplies and chemicals ($933.74):	
American Medical Association, reprints	$ 41.51
British Drug Houses, chemicals	52.74
Canadian Laboratory Supplies, glassware, chemicals, etc.	157.17
Canadian Medical Association, reprints	20.67
Ditto Co. of Canada Ltd., carbon, ribbon	11.75
J. B. Lippincott & Co., reprints	14.55
Matheson & Co., chemicals	76.33
Merck & Co., Ltd., chemicals	79.94
C. V. Mosby Co., reprints	31.59
Postage	25.08
Pure Gold Mfg. Co., flour	28.00
Quinte Milk Products Ltd., casein	32.18
University Press, printing and stationery	77.06
Accounts under $10 (16)	79.23
Sundry disbursements by department	19.98
Superintendent's Dept., freight, $27.08; labour, .75; material, $158.13	185.96

Apparatus ($467.78):		
Canadian General Electric, lightmeter	23.85	
Canadian Laboratory Supplies, pipettes, tubes, etc.	216.14	
Central Scientific Co., glassware, tubes, funnels, etc.	84.06	
R. H. Chappell, glass blowing	27.00	
Pfaltz & Bauer Inc., cuvettes	23.48	
Robbins & Townsend, typewriter $85.00 less allowance on turned in machine $20.00	65.00	
Superintendent's Dept., labour, $23.48; material, $4.77	28.25	
(Charged to Eaton Endowment)	$ 1,401.52	....

66. Surgery.

Supplies and Apparatus ($993.18):		
Allen Mfg. Co., laundry	$ 15.84	
Canadian Industries Ltd., chemicals	10.72	
Canadian Pacific Railway, telegrams	11.64	
Corbett-Cowley Ltd., laboratory coats	28.09	
T. Eaton Co. Ltd., photo supplies, laboratory coats, etc.	102.43	
Mrs. E. Haurwitz, translations	20.00	
Hospital for Sick Children, supplies to Students	25.00	
Intenational Books Ltd., subscription	20.00	
Lockhart's Camera Exchange, photo supplies	98.41	
McAinsh & Co.. text books	11.00	
Postage	35.12	
Rainbow Lantern Slide Co., slides	11.55	
Robbins and Townsend, typewriter maintenance	11.50	
Medical Research Dept., animals	374.00	
Stephens Sales Ltd., stencils, ink, paper	97.86	
St. Michael's Hospital, student's supplies	47.40	
University Press, printing and stationery	27.74	
Accounts under $10 (8)	27.53	
Sundry disbursements by department	15.00	
Superintendent's Dept., material	2.35	
Museum of Applied Anatomy ($228.37):		
T. Eaton Co., Ltd., photo supplies	39.11	
Lockhart's Camera Exchange, photo supplies	189.26	
		$ 1,221.55

67. Obstetrics and Gynaecology.

Supplies and Apparatus:		
F. Carrington Co., cabinet	$ 60.00	
Murphy's Drug Store, film	44.40	
Photographic Service, slides	12.10	
University Press, printing and stationery	23.18	
Accounts under $10 (8)	37.25	
Superintendent's Dept., material	1.68	
		$ 178.61

68. Ophthalmology.

Supplies and Apparatus:		
American Medical Association, reprints	$ 17.26	
Pathology Dept., slides	4.50	
		$ 21.76

69. Oto-Laryngology.

Supplies and Apparatus:		
Ash Temple Co., cable engine, motor adjuster	$ 17.50	
Connaught Laboratories, animal maintenance	85.60	
Photographic Service, prints	22.75	
University Press, subscription	10.00	
Accounts under $10 (3)	10.37	
		$ 146.22

70. Therapeutics.

Supplies and Apparatus:		
Ayerst, McKenna & Harrison, capsules	$ 80.00	
British Drug Houses, calcium chloride	34.75	
J. F. Hartz Co., repairs to instruments	35.50	
Accounts under $10 (6)	43.39	
Sundry disbursements by department	10.00	
		$ 203.64

71. Psychiatry.

(Nothing Spent)

72. Medical Jurisprudence.

(Nothing Spent)

73. Radiology.

Supplies and Apparatus:		
Dr. G. E. Richards and A. C. Singleton, X-Ray Supplies		$ 1,000.00

74. Art Service.

(a) Salaries ($4,000.00):		
Miss M. T. Wishart, Director, 12 mos.	$ 2,500.00	
Miss D. I. Foster, Assistant, 3 mos.	375.00	
Miss E. I. Hopper, Assistant, 9 mos.	1,125.00	
(b) Expenses:		
Part-time Assistance ($55.25):		
Miss A. Cartwright, 7½ hours	2.25	
Mrs. S. Chubb, 50 hours	50.00	
Miss N. Davey, 6 hours	3.00	
Supplies ($181.87):		
Midland Whitewear & Costume Co., laboratory coats	19.44	
Office Specialty Mfg. Co., typewriter chairs	29.00	
University Press, printing and stationery	71.35	
Accounts under $10 (4)	16.05	
Sundry disbursements by department:		
Laundry, $14.20; drugs, stationery and sundries, $20.80	35.00	
Superintendent's Dept., freight, .50; labour, $8.05; material, $2.48	11.03	
	$ 4,237.12	
Less Credits: sale of furniture	8.00	
		$ 4,229.12

75. General Expenses

Sundry expenses of the Dean:		
Luncheons, teas and dinners, in connection with visiting lecturers, etc.	$ 92.05	
Office supplies, stationery, printing, etc. ($2,104.57):		
American Medical College, aptitude test	164.58	
Continental Rug Co., Ltd., re-weaving rug	39.15	
Globe and Mail, subscription	18.00	
Arthur Jeffries, messenger, 3 weeks	30.00	
Might Directories Ltd., City Directory	39.90	
R. H. Morris, daily papers	10.50	
Office Specialty Mfg. Co., guides, folders	17.45	
Postage	301.20	
Photographic Service, prints, slides, operator, etc.	87.28	
Geo. G. Renneker & Co., reprints	37.47	
Robbins & Townsend, typewriter maintenance	32.80	
Riverdale Isolation Hospital, gowns for students	142.50	
Simmons and Sons, flowers	13.00	
Underwood, Elliott, Fisher, Ltd., typewriter rental	15.00	
Miss D. Waugh, 11 weeks, 2 days, stenographer	283.35	
University Press, printing, stationery	753.40	
Accounts under $10 (17)	57.15	
Sundry disbursements by department:		
Telephone and telegraph, $10.32; hardware, drugs, car tickets, sundries, $20.93	31.25	
Superintendent's Dept., freight, $1.48; labour, $5.05; material, $24.06	30.59	
Publications, Calendar, Dean's Report, Medical Bulletin, Lister Lecture, ($1,036.72):		
Mrs. F. P. Lloyd, addressing envelopes	4.00	
Postage	111.10	
University Press, printing, stationery, mailing	921.62	

Maintenance and Equipment of Lecture Theatre ($76.17):			
Eastman Photographic Stores, repairs to Kodascope		7.61	
J. F. Hartz Co., repairs to skeleton		44.00	
Superintendent's Dept., labour, $9.15; material, $15.41		24.56	
Medals ($42.74):			
Birks-Ellis-Ryrie, Ltd., engraving		7.43	
John Pinches medals		35.31	
Association of American Medical Colleges, membership fees		150.00	
		$ 3,502.25	
Less Credit: Sale of material		8.75	
			$ 3,493.50

76. Medical Building.

Heat and light		$ 4,624.59	
Gas, water and occasional fuel ($1,401.90)			
Gas, $580.70; water, $749.37		1,330.07	
Conger Lehigh Coal Co.		64.32	
Superintendent's Dept., labour		7.51	
Caretaker's supplies:			
Superintendent's Dept., material		133.84	
Cleaning ($2,088.97):			
Allen Mfg. Co., laundry		17.90	
White Window Cleaning Co.		47.00	
Superintendent's Dept., labour		1,998.32	
F. P. Mottram, overtime services		25.75	
Repairs and Renewals ($2,854.23):			
Wm. Bartlett & Sons, shades		21.25	
City Treasurer, elevator license		5.00	
C. A. Dunham Co., valves		37.10	
Superintendent's Dept., labour, $2,070.84; material, $720.04		2,790.88	
Caretaker, F. P. Mottram, 12 mos. (and overtime $39.25)		1,450.00	
		$ 12,553.53	
Less heat and light charged to Central Power Plant	$ 4,624.59		
Credit for cleaning, etc.	125.00		
		$ 4,749.59	
			$ 7,803.94

77. Banting Institute.

Heat, Dept. of Public Works, Province of Ontario	$ 6,000.00	
Gas, $444.99; Electric Current, $4,677.76; water, $793.26	5,916.01	
Caretaker's supplies ($509.97):		
Superintendent's Dept., material	509.62	
University Press, printing	.35	
Cleaning ($5,983.68):		
Allen Mfg. Co., laundry	54.90	
Advance Window Cleaning Co.	53.90	
Superintendent's Dept., labour	5,874.88	
Repairs and Renewals ($3,218.46):		
Wm. Bartlett & Sons, shades	48.72	
City Treasurer, elevator licenses	15.00	
Huntington Laboratories, sanding lecture hall	14.85	
Walter Kidd & Co. of Canada Ltd., fire extinguishers	15.40	
W. E. Routery, plastering repairs	57.30	
Turnbull Elevator Co., repairs & maintenance of elevators	97.12	
Accounts under $10 (6)	29.96	
Superintendent's Dept., labour, $2,047.23; material, $892.88	2,940.11	
Caretaker, H. L. Vickery, 12 mos. (and overtime $33.00)	1,500.00	
	$ 23,128.12	
Less credits for cleaning, etc.	103,25	
		$ 23,024.87

78. Anatomical Building.

Heat and light		$ 2,623.72	
Gas, $22.38; water, $36.27		58.65	
Caretaker's supplies:			
Superintendent's Dept., material		262.33	
Cleaning ($1,872.26):			
Allen Mfg. Co., laundry		19.70	
White Window Cleaning Co.		22.00	
Superintendent's Dept., labour		1,830.56	
Repairs and Renewals ($1,208.01):			
Wm. Bartlett & Sons, shades		6.24	
City Treasurer, elevator licenses		10.00	
Johnston Temperature Regulator Co., valves, thermostats		22.62	
Superintendent's Dept., labour, $946.18; material, $222.97		1,169.15	
Caretaker, M. J. Shepherd, 12 mos. (and overtime, $3.50)		1,450.00	
		$ 7,474.97	
Less heat and light charged to Central Power Plant	$ 2,623.72		
Credit for cleaning	11.50		
		$ 2,635.22	
			$ 4,839.75

79. Hygiene Building.

Heat and light		$ 14,144.26	
Gas, $1,675.39; water, $2,867.78		4,543.17	
Caretaker's supplies:			
Superintendent's Dept., material		705.64	
Cleaning ($6,811.66):			
Allen Mfg. Co., laundry		54.10	
Butterfield Window Cleaning Co.		56.00	
Superintendent's Dept., labour		6,701.56	
Repairs and Renewals ($2,668.54):			
Wm. Bartlett & Sons, shades		11.71	
City Treasurer, elevator licenses		20.00	
Italian Mosaic & Tile Co., repairs		18.93	
W. E. Routery, repairs		84.55	
W. Sherwood & Sons, motor		228.90	
Accounts under $10 (4)		20.61	
Superintendent's Dept., labour, $1,744.23; material, $539.61		2,283.84	
Caretaker, J. Irwin, 12 mos. (and overtime $3.00)		1,450.00	
		$ 30,323.27	
Less heat and light charged to Central Power Plant	$ 14,144.26		
Credits for cleaning and share of gas, water, etc.	6,352.11		
		$ 20,496.37	
			$ 9,826.90
Charged to Revenue 1939-40			$434,360.46
Charged to Eaton and Rockefeller Funds			5,347.37
			$439,707.83

VIII. SCCHOOL OF HYGIENE

80. Salaries.

(1) Administration:	
J. G. FitzGerald, Director (on leave of absence—paid also by Connaught Laboratories)—ob. 20 June	$ 5,000.00
J. Craigie, Secretary (paid also $500 as Assistant Professor—see below; and by Connaught Laboratories)	500.00
K. M. Kerns, Office Assistant (part time—paid also $409 as Acting Secretary—see below; and by Connaught Laboratories)	409.00

(2) Epidemiology and Biometrics:		
R. D. Defries, Associate Director of School of Hygiene and Professor of Hygiene and Epidemiology (paid also by Connaught Laboratories)	3,500.00	
N. E. McKinnon, Associate Professor, Hygiene and Epidemiology, @ $1,000 (on leave of absence from January for duration of war—paid also by Connaught Laboratories)	683.34	
Assistant Professors:		
Miss Mary A. Ross, Biometrics	2,600.00	
J. Craigie, Epidemiology (see Administration above)	500.00	
A. E. Berry, Lecturer, Public Health Engineering (Sessional—see also Civil Engineering: Municipal and Structural)	500.00	
W. Mosley, Director of Field Training, 15 May to 30 June @ $4,200	525.00	
Special Lecturers (Sessional):		
W. B. McClure	100.00	
D. V. Currey	55.00	
J. M. Mather	39.40	
C. G. Shaver	10.00	
Clinical Associates, Epidemiology (part time—Sessional):		
A. L. McKay	200.00	
J. T. Phair	200.00	
A. H. Sellers, Demonstrator, Biometrics (Sessional)	350.00	
Laboratory Assistants, Biometrics:		
W. Moore	818.00	
W. Deyman	675.00	
Miss S. R. McCausland (paid also by Connaught Laboratories)	438.00	
K. M. Kerns, Acting Secretary (see Administration above)	409.00	
(3) Physiological Hygiene:		
C. H. Best, Acting Head of Department (without salary—see also Department of Physiology and Special Research)	....	
Associate Professors (paid also by Connaught Laboratories):		
D. L. McLean @ $2,900 (on leave of absence from November for duration of war)	1,522.54	
E. W. McHenry	1,100.00	
J. G. Cunningham, Lecturer, Industrial Hygiene (Sessional)	500.00	
Research Associates:		
H. M. Barrett, Industrial Hygiene	2,700.00	
R. E. Haist, 1 February to 30 June @ $2,600	1,083.33	
Miss J. H. Ridout @ $750 (transferred from 15 January to Special Funds—paid also from Medical Research—Best Fund and by Connaught Laboratories)	423.41	
D. Y. Solandt (see also Department of Physiology and Special Research)	300.00	
Mrs. Ruth C. Partridge (part time)	500.00	
Research Assistants:		
Miss H. J. Bell, 1 February to 30 June @ $1,400	583.33	
Miss J. M. Patterson, 4 mos.	400.00	
Miss E. L. Mahon, Secretary	1,200.00	
C. R. Cowan, Senior Technical Assistant (part time—paid also $700 from Medical Research—Best Fund)	1,500.00	
Technical Assistants:		
W. Staples @ $950 (on leave of absence from October for duration of war)	409.69	
R. Hann, from 18 October (vice W. Staples)	540.31	
Miss L. C. Barber, 4 mos.	300.00	
(4) Chemistry in Relation to Hygiene:		
P. J. Moloney, Associate Professor (paid also by Connaught Laboratories)	2,800.00	
Miss E. M. Taylor, Demonstrator (Sessional—paid also by Connaught Laboratories)	500.00	
G. Kimm, Technical Assistant	950.00	
	$ 34,824.35	
Less charged to Special Grant	1,666.66	
		$ 33,157.69

81. Maintenance of Department.

(1) Administration ($980.58):		
Canadian Medical Association, subscription	$ 10.20	
Connaught Laboratories, X-Rays	11.00	
Dr. W. Mosley, amount advanced for moving expenses, from Ft. William (to be provided from Special Fund in 1940-41)	385.00	
Postage	44.00	
Telephone Service	357.90	
Ryerson Press, projector	63.25	
Owen Staples, etching plate	25.00	
University Press, printing and stationery	48.90	
Sundry disbursements by Department:		
Telegrams, $10.39; stationery, $1.60; sundries, $3.75	15.74	
Accounts under $10 (94)	19.59	
(2) Epidemiology and Biometrics ($255.74):		
Mimeograph Co., stencils, paper	78.75	
Postage	20.00	
Ryerson Press, lamps	16.45	
University Press, printing and stationery	124.93	
Accounts under $10 (2)	15.61	
(3) Physiological Hygiene ($400.00):		
Arlington Laboratories, chemicals	41.79	
Canadian Kodak Sales, chemicals	15.31	
R. H. Chappell, glass blowing	22.25	
Connaught Laboratories, maintenance of animals, ether, towels, etc.	205.18	
H. W. Petrie Co., blower	71.40	
Superintendent's Dept., labour, $7.87; material, $28.32	36.19	
Accounts under $10 (2)	7.88	
(4) Chemistry in Relation to Hygiene ($292.72):		
Canadian Laboratory Supplies, Beckman meter, supplies	205.28	
Central Scientific Co., glassware, chemicals	37.01	
R. H. Chappell, glass blowing	13.75	
Sundry disbursements by department	10.00	
Accounts under $10 (8)	26.68	
	$ 1,929.04	
Less paid by School of Nursing	400.00	
		$ 1,529.04

IX. FACULTY OF APPLIED SCIENCE.

82. Salaries.

Dean's Office.

C. H. Mitchell, Dean	$ 6,000.00	
		$ 6,000.00

Electrical Engineering.

H. W. Price, Professor, also Head of Department	$ 5,500.00	
Associate Professors:		
A. R. Zimmer (paid also $10 for Extension Work)	4,200.00	
V. G. Smith (paid also $80 from Special Fund)	3,600.00	
B. deF. Bayly, Assistant Professor	3,200.00	
Lecturers (Sessional):		
R. J. Brown	2,400.00	
D. N. Cass-Beggs	2,400.00	
J. E. Reid	1,900.00	
L. S. Lauchland, Instructor (Sessional)	1,600.00	
Demonstrators (Sessional):		
E. A. Ricker	1,200.00	
R. G. Anthes (paid also $230 in Special Research)	1,100.00	
G. T. Hodgson	1,050.00	
H. A. Courtice	1,000.00	
J. O. Reeve @ $1,000 (resigned 15 April)	928.58	
C. H. Vatcher @ $1,000 (resigned 15 April)	928.58	
V. W. Bethel (part time)	500.00	
W. E. White (part time)	500.00	

N. D. Lindsay, Student Demonstrator (Sessional)	150.00	
J. W. Lawson, Mechanician	2,000.00	
W. R. McKee, Electrician	2,000.00	
W. L. Bakewell, Assistant Electrician	1,100.00	
Miss H. L. Redmond, Office Assistant and Librarian @ $1,050., of which half charged to Civil Engineering: Municipal and Structural	525.00	
		$ 37,782.16

Mechanical Engineering.

Professors:		
R. W. Angus (paid also $20 for Extension Work)	$ 6,000.00	
E. A. Allcut (paid also $220 for Extension Work)	4,800.00	
Associate Professors:		
Ross Taylor	3,600.00	
W. G. McIntosh (paid also $80 from Special Fund)	3,500.00	
G. R. Lord, Assistant Professor	2,500.00	
Lecturers (Sessional):		
R. C. Wiren	2,300.00	
G. H. Hally	1,900.00	
F. G. Ewens, Instructor (Sessional—paid also $200 for Extension Work)	1,500.00	
Demonstrators (Sessional):		
Machine Design:		
I. W. Smith (paid also $330 in Special Research)	1,150.00	
D. R. Elliott @ $825 (resigned 15 April)	742.50	
Thermodynamics:		
W. A. Wallace (paid also $577.50 in Special Research)	1,050.00	
J. A. Norman	1,000.00	
Hydraulics:		
J. M. Crowe	1,000.00	
J. W. Greason	1,000.00	
W. E. B. Parker	800.00	
J. E. Stott, Demonstrator (Sessional)	1,000.00	
F. Hickey, Engineer and Machinist	2,000.00	
A. Savage, Assistant Machinist, 132 hrs. @ 70c	92.40	
E. Burt, Fireman, 1,604 hrs. @ 50c	802.00	
Laboratory Attendants @ 50c per hour:		
J. Flanagan, 132 hrs.	66.00	
J. McGowan, 256 hrs.	128.00	
J. Price, 1,628 hrs.	814.00	
Miss M. Burt, Office Assistant and Librarian	1,150.00	
		$ 38,894.90

Civil Engineering: Municipal and Structural.

Professors:		
C. R. Young	$ 5,500.00	
T. R. Loudon, Applied Mechanics (paid also $650 for Extension Work)	5,000.00	
Assistant Professors:		
C. F. Morrison	2,700.00	
W. L. Sagar	2,700.00	
R. F. Legget	2,700.00	
M. J. C. Lazier, Lecturer, Applied Mechanics (Sessional)	2,500.00	
A. E. Berry, Special Lecturer, Municipal Engineering (part time—Sessional; paid also $500 in School of Hygiene)	1,000.00	
C. E. Helwig, Demonstrator (Sessional)	1,350.00	
W. Kubbinga, Mechanician	1,300.00	
J. Brown, Laboratory Assistant, 10 mos.	1,100.00	
Miss H. L. Redmond, Office Assistant and Librarian (see also Electrical Engineering)	525.00	
		$ 26,375.00

Civil Engineering: Surveying and Geodesy.

W. M. Treadgold, Professor, also Head of Department (paid also $562.50 for Summer Camp)	$ 4,500.00	
Associate Professors:		
S. R. Crerar (paid also $500 for Summer Camp)	4,000.00	
E. W. Banting (paid also $475 for Summer Camp)	3,800.00	
J. W. Melson (paid also $450 for Summer Camp and $800 for Extension Work)	3,600.00	
T. L. Rowe, Instructor (Sessional—paid also $187.50 for Summer Camp)	1,500.00	
M. W. Howe, Demonstrator, Michaelmas Term (paid also $400 in Engineering Drawing for Easter Term)	400.00	
H. V. Steer, Mechanician (part time—Sessional; paid also $500 in Applied Physics, $120 in Special Research, and $105.60 in Botany)	425.00	
Miss R. Cave, Office Assistant and Librarian @ $1,250., of which $525 charged to Applied Physics and $100 to Photographic Service	625.00	
		$ 18,850.00

Mining Engineering.

Professors:		
C. G. Williams, also Head of Department	$ 6,000.00	
J. T. King	4,500.00	
Lecturers (Sessional):		
S. E. Wolfe	2,300.00	
W. T. Turrall	1,800.00	
W. A. M. Hewer, Instructor in Assaying (Sessional)	1,600.00	
Demonstrators (Sessional):		
I. L. Jennings	1,200.00	
M. McMurray	1,200.00	
D. H. McLaren	917.15	
E. Tozer, Laboratory Assistant and Mechanician	1,500.00	
C. Waybrant, Laboratory Assistant, Assaying	1,300.00	
H. J. Reilly, Assistant Mechanician, 32 weeks from 20 September	960.00	
Laboratory Attendants:		
H. Chappell, 30 weeks @ $15	450.00	
C. Rickard, 30 weeks @ 15	450.00	
Miss M. Tully, 38 weeks @ $20	760.00	
Miss J. Bradshaw, Office Assistant and Librarian	1,100.00	
		$ 26,037.15

Metallurgical Engineering.

G. A. Guess, Professor	$ 5,700.00	
Associate Professors:		
J. A. Newcombe	3,800.00	
R. J. Montgomery (paid also $80 from Special Fund)	3,700.00	
J. E. Toomer, Assistant Professor	3,450.00	
Hector Ross, Laboratory Attendant, 10 mos.	900.00	
Miss E. Singleton, Stenographer (Sessional—paid also $365 in Secretary's Office)	300.00	
		$ 17,850.00

Chemical Engineering and Applied Chemistry.

Professors:		
J. Watson Bain (paid also $20 for Extension Work)	$ 5,500.00	
M. C. Boswell, Organic Chemistry	4,900.00	
E. G. R. Ardagh, Applied Chemistry @ $4,500 (on leave of absence)	3,500.00	
Associate Professors:		
E. A. Smith (paid also $80 from Special Fund)	3,400.00	
R. R. McLaughlin	3,375.00	
W. C. Macdonald, Lecturer (Sessional—paid also $450 in Special Research)	1,950.00	
T. Linsey Crossley, Special Lecturer, Pulp and Paper—Sessional (paid also $10 for Extension Work)	150.00	

Instructors (Sessional):		
A. M. Fitzgerald	1,600.00	
J. G. Breckenridge	1,500.00	
G. P. Beal (paid also $450 in Special Research and $200 for Extension Work)	1,400.00	
Demonstrators (Sessional):		
W. H. Rapson (paid also $100 for Extension Work)	1,200.00	
N. R. Fasken (paid also $125 in Special Research—resigned 31 January)	628.57	
M. Adelman (paid also $125 in Special Research)	1,050.00	
B. Marks (paid also $250 in Special Research)	1,050.00	
A. S. Weatherburn (paid also $400 in Special Research)	1,050.00	
L. E. Horembala	1,000.00	
G. L. Case	642.86	
R. M. Munro (part time)	500.00	
A. S. Hunt, Lecture Assistant and Glass-Blower	1,750.00	
F. Westhead, Laboratory Assistant, 4 mos. @ $1,200 (transferred to C.O.T.C. and Military Studies Building—on leave of absence from November without salary)	400.00	
M. L. Hammond, Lecture Assistant (paid also $10 for Extension Work)	1,000.00	
W. T. Storton, Laboratory Attendant	1,060.00	
Laboratory Attendants @ $10 per week:		
W. Connor, 42 weeks	420.00	
J. Smith, 37 weeks	370.00	
E. Patterson, 29 weeks 3½ days	296.67	
J. Seymour, 42 weeks, 4 days	512.00	
W. Elliott, 20 weeks	200.00	
Miss D. Birkett, Office Assistant and Librarian @ $1,250., of which $200 charged to Secretary's Office	1,050.00	
		$ 41,455.10

School of Architecture.

Professors:		
H. H. Madill, also Head of Department	$ 4,700.00	
E. R. Arthur, Architectural Design	4,500.00	
H. J. Burden, Assistant Professor @ $3,200 (on leave of absence from October for duration of war)	1,426.72	
W. E. Carswell, Lecturer (Sessional)	2,650.00	
Instructors (Sessional):		
H. S. M. Carver (vice H. J. Burden)	1,800.00	
C. W. Jefferys, Painting (part time—paid also $9 from University Press)	1,500.00	
F. Coates, Modelling (part time)	950.00	
Mackenzie Waters, Special Instructor, Architectural Design (Sessional—part time)	1,000.00	
Special Lecturers (Sessional):		
W. S. Wilson, Architectural Economics (see also Secretary's Office)	250.00	
A. S. Mathers	200.00	
H. B. Dunington-Grubb, Landscape Architecture	100.00	
Miss J. C. Laing, Librarian and Instructor, Architectural History and French	1,900.00	
G. A. Arksey, Attendant in Drafting Room, 8 mos.	800.00	
Miss E. W. Dyer, Office Assistant @ $840., of which $340 charged to Engineering Drawing	500.00	
		$ 22,276.72

Engineering Drawing.

J. R. Cockburn, Professor, Descriptive Geometry	$ 5,000.00
Associate Professors:	
W. J. Smither, Structural Engineering	4,200.00
W. J. T. Wright (paid also $300 as Special Lecturer, Technical English)	4,000.00
Assistant Professors:	
W. B. Dunbar	2,800.00
A. Wardell	2,800.00

Lecturers (Sessional):		
P. V. Jermyn	2,400.00	
J. J. Spence	2,100.00	
Instructors (Sessional):		
R. M. Clark	1,600.00	
G. R. Edwards	1,600.00	
J. M. Carswell	1,500.00	
Demonstrators (Sessional):		
D. P. Scott	1,100.00	
A. C. Davidson	1,000.00	
F. W. Philpot	1,000.00	
C. E. Lingren (part time)	600.00	
M. W. Howe (Easter Term—see also Civil Engineering: Surveying and Geodesy)	400.00	
George Brown, Attendant in Drafting Room, 9 mos.	1,100.00	
Miss E. W. Dyer, Office Assistant (see also School of Architecture)	340.00	
		$ 33,540.00

Applied Physics.

K. B. Jackson, Associate Professor (paid also $80 from Special Fund)	$ 3,600.00	
V. L. Henderson, Lecturer (Sessional—paid also $80 from Special Fund and $725 in Special Research)	1,850.00	
L. E. Jones, Instructor, (Sessional—paid also $175 in Special Research)	1,600.00	
Demonstrators (Sessional):		
W. A. Mohun (paid also $350 in Special Research)	1,200.00	
E. L. Dodington	1,100.00	
D. H. Hamly (part time—see also Botany)	550.00	
H. V. Steer, Mechanician (see also Civil Engineering: Surveying and Geodesy)	500.00	
Miss R. Cave, Office Assistant and Librarian (see also Civil Engineering: Surveying and Geodesy)	525.00	
		$ 10,925.00

Special Lectures.

Special Lecturers (Sessional):		
R. E. Laidlaw, Engineering Law	$ 500.00	
R. R. Grant, Accountancy and Business (paid also $360 for Extension Work)	300.00	
W. J. T. Wright, Technical English (see also Engineering Drawing)	300.00	
F. H. Kirkpatrick, Public Speaking (paid also $300 for Extension Work—ob. 14 April)	250.00	
		$ 1,350.00

Secretary's Office.

W. S. Wilson, Secretary (paid also $250 in School of Architecture)	$ 3,300.00	
Miss E. Birkett, Assistant Secretary	1,750.00	
Miss M. Fenton, Assistant	1,150.00	
Stenographers:		
Miss D. Birkett (see also Chemical Engineering)	200.00	
Miss E. Singleton (see also Metallurgical Engineering)	365.00	
Mrs. G. E. Hammersley @ $2.50 per half day	85.00	
A. Dykeman, Office Attendant	800.00	
		$ 7,650.00
		$288,986.03

83. Electrical Engineering.

Light	$ 179.84	
Supplies ($2,049.46):		
Aikenhead Hardware Ltd., hardware	148.34	
Allegheny Ludlum Steel Corp., metal assemblies	130.96	
Bostitch Canada Ltd., fasteners, staples	23.50	
Burlec Ltd., handles, brushes, etc.	35.34	

Canada Wire & Cable Co., cable, wire		83.48	
Canadian Johns Manville Co., asbestos panels		29.47	
Canadian National Carbon Co., batteries		69.71	
Darnell Corp., casters		16.90	
Davis Automatic Controls Co., rheostat		27.47	
Diamond State Fibre Co., panels, tubing		29.90	
Driver-Harris Co., wire		57.99	
Hugh H. Eby Inc., paste		20.85	
Eppley Laboratory Inc., cells		27.45	
Exide Batteries of Canada, battery		62.74	
General Radio Co., condensers, transformers		290.72	
D. Gestetner, stencils, ink, paper		52.80	
George Gorton Machine Co., cutters		16.33	
G. M. Moore, used electrolux		35.00	
Peckovers Ltd., metals		40.30	
Photographic Service, slides, blueprints		42.90	
Postage		26.00	
Pratt & Whitney of Canada, reamers, etc.		49.36	
Wholesale Radio Corp., radio supplies		181.54	
University Press, stationery, printing		90.10	
Accounts under $10 (15)		79.40	
Sundry disbursements by department:			
Hardware, $16.97; stationery, $12.11; telephone, $13.76; sundries, $6.92		49.76	
Superintendent's Dept., freight, $22.67; labour, $85.03; material, $223.45		331.15	
Apparatus ($1,190.78):			
Bliley Electric Co., electrical unit		40.19	
Burlec Limited, circuit breakers		110.06	
Canadian General Electric Co., motor, transformer		65.83	
Empire Engineering Co., used motor		20.00	
General Radio Co., condensers, etc.		429.30	
M. P. Hofstetter, comptometer		53.00	
Leeds and Northup Co., galvanometer, telescopes		244.55	
Weston Electrical Instruments, voltmeters		227.85	
Furniture, printing and incidentals ($44.50):			
General Office Furniture Co., file		32.00	
Mrs. G. E. Hammersley, special stenographic service		12.50	
		$ 3,464.58	
Less light charged to Central Power Plant	$ 179.84		
Laboratory Deposits	37.35		
		$ 217.19	
			$ 3,247.39

84. Mechanical Engineering.

Supplies ($600.07):		
Aikenhead Hardware, hardware	$ 89.57	
Canadian Laboratory Supplies, glassware, etc.	35.40	
Colville Cartage Co., cartage	12.50	
Garlock Packing Co. of Canada, coils, valves, etc.	32.95	
Arthur S. Leitch Co., Ltd., indicator, leads, etc.	28.50	
Monarch Belting Co., repairs, belts, etc.	13.96	
McColl Frontenac Oil Co., oil grease	71.83	
Postage	24.00	
Scythes & Co., waste	15.35	
Accounts under $10 (4)	17.07	
Sundry disbursements by department	9.99	
Superintendent's Dept., labour, $35.27; material, $213.68	248.95	
Apparatus—Thermodynamics ($157.87):		
Big "A" Co., Ltd., trachometer lead adapter	52.50	
Dominion Bridge Co., Ltd., plates, rod	16.20	
Accounts under $10 (3)	13.81	
Superintendent's Dept., labour, $41.40; material, $33.96	75.36	
Apparatus—Hydraulics ($209.48):		
Warr Foundry Co., grate bar	121.04	
Superintendent's Dept., labour, $37.20; material, $51.24	88.44	
Proportion of Fuel for Experimental Plant:		
W. H. Cox Coal Co. Ltd.	1,098.61	

Furniture, Printing and Incidentals ($203.99):		
T. Eaton Co. Ltd., frame	5.49	
Photographic Service, photo supplies	29.45	
University Press, printing	115.24	
Superintendent's Dept., labour, $32.48; material, $21.33	53.81	
	$ 2,270.02	
Less credits: Laboratory Deposits, $13.60; sale of material, $103.35	116.95	
		$ 2,153.07

85. Civil Engineering: Municipal and Structural.

Supplies ($624.82):		
Aikenhead Hardware Co., hardware	$ 70.41	
Baines and David Ltd., steel	90.66	
Canadian Laboratory Supplies, glassware, weights	16.08	
Mrs. G. E. Hammersley, special stenographic service	12.50	
Ingram and Bell Ltd., first aid cabinet	16.50	
Library, books	16.20	
McBain Foundry, bushings	20.56	
Photographic Service, blueprints	54.26	
Postage	52.00	
University Press, printing and stationery	85.45	
Accounts under $10 (8)	32.52	
Superintendent's Dept., freight, .40; labour, $61.23; material, $96.05	157.68	
Apparatus ($415.65):		
Aikenhead Hardware Co., drill press	62.47	
Canadian Fairbanks Morse Co., precision grinder	136.67	
Haher Brass Co., card holders	18.03	
Accounts under $10 (2)	12.73	
Superintendent's Dept., labour, $122.35; material, $63.40	185.75	
	$ 1,040.47	
Less credits: Laboratory deposits, $7.65; sale of material, $45.50	53.15	
		$ 987.32

86. Civil Engineering: Surveying and Geodesy

Supplies ($446.84):		
Aikenhead Hardware, hardware	$ 10.32	
Art Metropole, metal tapes, land arrows	253.53	
Engineering Society, U. of T., field books, note books, tracings, etc.	108.88	
Accounts under $10 (5)	31.26	
Sundry disbursements by department	11.30	
Superintendent's Dept., labour, $16.65, material, $14.90	31.55	
Apparatus:		
Instruments Ltd., transit, tripod, case	348.50	
Summer Survey Camp—Maintenance:		
Instructional Staff ($2,549.70):		
E. W. Banting, services, $475.00; living expenses, $65.00; travelling expenses, $20.00	560.00	
S. P. Crerar, services, $500.00; living expenses, $25.00; travelling expenses, $20.00; supplies, $2.00	547.00	
J. W. Melson, services, $450.00; living expenses, $65.00; travelling expenses, $20.00	535.00	
T. L. Rowe, services, $187.50; living expenses, $50.00; travelling expenses, $20.00	257.50	
W. M. Treadgold, services, $562.50; living expenses, $65.00; travelling expenses, $20.00; supplies, $2.70	650.20	
Sundry expenses ($2,383.31):		
Britnell's Bakeries, bread	39.60	
Harry Easton, meat	47.57	
T. Eaton Co., dishes, utensils	78.10	
Frank's Fruit Store, fruit	49.31	
Geology Dept., engineering supplies	18.00	
W. W. Gibson, fruit and vegetables	14.10	

Geo. M. Hendry & Co., blackboard	16.66	
Hewitt Bros., cartage	89.45	
Ontario Hydro-Electric Commission, electric current	74.98	
Kawartha Lumber Co., lumber	233.51	
A. Langdon, survey stakes	12.05	
W. A. Lindop, gas and oil, $48.70; water pump, $67.65	116.35	
Loblaw Groceterias, provisions	960.00	
Mrs. J. E. Minto, milk	43.00	
J. A. Noice, electric range	23.00	
E. A. Rogers, provisions	46.66	
Clarence Trumbull, milk	154.60	
S. W. Welch, provisions	172.09	
P. J. Williams, vegetables	55.65	
Accounts under $10 (4)	15.43	
Superintendent's Dept., labour, $23.25; material, $99.95	123.00	
Payments to help ($1,119.86):		
Wm. Cox, labour	148.37	
J. E. Minto, caretaker, $240.00 labour, $258.31; ice supply, $24.64	522.95	
Mrs. J. E. Minto, cook	400.00	
L. A. Pritchard, labour	48.54	
	$ 6,848.21	
Less credits: Board received from students, $2,513.64; laboratory deposits, $262.00	2,775.64	
		$ 4,072.57

87. Mining Engineering.

Supplies ($2,460.38):		
Wm. Ainsworth & Sons, Inc., weights	$ 42.06	
Baird Montgomery Ltd., boxes	48.60	
Boeckh Co., brushes	32.01	
Canada Sales Agency, stapler, staples	12.25	
Canadian Industries Ltd., acids, lucite powder	21.60	
Canadian Laboratory Supplies, thermomenter, rubber tubing, etc.	62.27	
Central Scientific Co., beakers, filter paper, chemicals, etc.	81.31	
Denver Fire Clay Co., test lead, crucibles, furnace parts, etc.	289.91	
T. Eaton Co., Ltd., perforator, gloves, etc.	88.90	
John Ewing & Co., crucible tongs	18.25	
Fletcher Russell Co., furnace parts	251.21	
Grand & Toy Ltd., ink, note books, forms, etc.	63.47	
Imperial Oil Ltd., oil	48.90	
Instruments Ltd., beam compass, plumb bob, etc.	66.00	
Johnson Matthey & Co., gold	40.76	
Morgan Crucible Co., crucibles	91.41	
Office Specialty Mfg. Co., cabinet, guides, cards, etc.	35.13	
Postage	50.00	
Roneo Co. of Canada, plates, stencils, ink	54.11	
Stephens Sales Ltd., stencils, etc.	56.00	
Sturtevant Mill Co., grinding disc	20.48	
W. S. Tyler Co. of Canada, testing sieve	88.55	
University Press, Printing, stationery	391.49	
Accounts under $10 (14)	66.63	
Sundry disbursements by department	18.96	
Superintendent's Dept., freight, $91.46; labour, $91.67; material, $236.99	420.12	
Apparatus ($526.71):		
Walter Carveth, microscope parts	14.50	
F. Frank Dyer, used desk and chair	15.00	
Grand and Toy Ltd., cabinets	10.80	
Ontario Mining Association, monimeter	75.00	
Roneo Co. of Canada, duplicator	225.00	
Superintendent's Dept., labour, $90.92; material, $95.49	186.41	
	$ 2,987.09	
Less credits: Laboratory deposits, $210.50; materials returned, $11.00	221.50	
		$ 2,765.59

88. Metallurgical Engineering (including Ceramics).

Supplies ($610.90):		
Canada Metal Co., metals	$ 16.62	
Canadian Industries Ltd., acids	66.65	
Canadian Laboratory Supplies, glassware, chemicals, etc.	179.72	
Canadian Liquid Air Co., cylinder rental	11.00	
Canadian National Carbon Co., carbons	6.58	
Central Scientific Co., glassware	59.15	
Denver Fire Clay Co., condensors	67.66	
Eastman Photographic Stores, chemicals, photo supplies	119.88	
Fisher Scientific Co., emery paper	21.36	
University Press, paper	12.39	
Accounts under $10 (5)	22.10	
Superintendent's Dept., freight, $8.64; labour, $2.47; material, $16.68	27.79	
Apparatus ($933.90):		
Bausch and Lomb Optical Co., microscope lamp, plates	189.50	
Canadian Laboratory Supplies, electric furnace, insulators, etc.	258.63	
Weston Electrical Instrument Co., voltmeter	81.89	
Accounts under $10 (3)	12.46	
Superintendent's Dept., labour, $222.85; material, $168.57	391.42	
		$ 1,544.80

89. Chemical Engineering and Applied Chemistry.

Supplies ($7,700.24):	
Armstrong Cork and Insulator Co., corks	$ 66.01
B. & R. Printing House, books	32.40
S. C. Backman, aluminum castings	15.73
British Drug Houses, chemicals	69.42
Canada Wire & Cable Co., wire	10.17
Canadian Industries Ltd., acids	733.33
Canadian Laboratory Supplies, glassware, acids	2,052.16
Canadian Liquid Air Co., gas	150.16
Carbide, Carbon, Chemical Corp., chemicals	67.31
Central Scientific Co., glassware, tubing, etc.	794.55
Codex Book Co., graph paper	16.46
Consumers Gas Co., meter rental	10.00
Coulter Copper & Brass Co., copper test tubes	12.00
Dominion Oxygen Co., gas	35.24
T. Eaton Co., cabinet, chest	21.11
General Steel Wares Ltd., pails	35.90
Ingram & Bell Ltd., glassware, bandage, thermometers, etc.	188.93
Kelvinator Co. of Canada, chemicals	10.94
Lake Simcoe Ice & Fuel Ltd., ice	55.29
Liquid Carbonic Canadian Corp., gas	24.00
Lyndon Scientific Co., glassware, bunsen burners	311.84
McIntyre and Taylor, iron stands	40.50
McArthur Chemical Co., chemicals	10.48
Mallinckrodt Chemical Works, chemicals	13.76
The Matheson Co., valves	50.23
Merck & Co., chemicals	318.85
Nichols Chemical Co., chemicals	72.74
Photographic Service, slides, prints	31.60
Thos. Pocklington Co., repairs to apparatus	151.45
Postage	11.00
Robbins and Townsend, typewriter maintenance	12.20
Standard Chemical Co., methanol	54.60
Sterling Electric Co., elements	14.40
Textile Products, cotton, towels	206.66
Twiss Wire Brushes, test tube brushes	36.00
F. W. Woolworth Co., pliers	16.20
University Press, stationery, printing	170.44
Accounts under $10 (30)	140.84
Sundry disbursements by department:	
Hardware, $29.14; dry ice, chemicals, supplies, $10.81; sundries, $17.89	57.84
Superintendent's Dept., freight, $29.69; labour, $867.83; material, $679.98	1,577.50

Apparatus ($1,685.85):		
American Instrument Co., staintons steel lever	530.30	
Art Metropole, planimeter, drawing table	120.05	
Central Scientific Co., hyvac pump, furnace rheostats, relays	201.88	
Flexible Shaft Co. Ltd., mixmaster motor	12.75	
Ingram & Bell Ltd., analytical weights	40.05	
Johnson & Matthey Co. (Canada) Ltd., platinum wire, silver boat	53.05	
W. C. MacDonald, desk, table, chairs	48.00	
Ohio Chemical Mfg. Co., stopwatch stands	13.84	
Sowers Mfg. Co., kettle	84.15	
Wood, Alexander & James Ltd., paint conditioner base	91.88	
Superintendent's Dept., labour, $250.79; material, $239.11	489.90	
	$ 9,386.09	
Less Credits: Laboratory deposits, $1,283.25; sale of material, $7.95	1,291.20	
		$ 8,094.89

90. School of Architecture.

Supplies ($386.62):		
Aikenhead Hardware, tools	$ 27.63	
Artists Supply Co., colour charts	11.89	
Beaux Arts Institute of Design, programme service 1939-40	55.68	
Engineering Society, U. of T., pencils, paper, etc.	15.93	
Photographic Service, slides, enlargements, etc.	68.70	
Postage	22.00	
Reeves & Sons (Canada) Ltd., paper	25.92	
Robbins and Townsend, typewriter maintenance	10.20	
University Press, printing and stationery	57.56	
Accounts under $10 (12)	60.00	
Superintendent's Dept., labour, $12.58; material, $18.53	31.11	
Apparatus:		
T. Eaton Co., stools, chairs	44.12	
Models for Life Class:		
H. H. Madill, reimbursement for payments made	22.25	
Staff expenses—outdoor sketching classes:		
H. H. Madill, expenses (three members of staff)	115.00	
		$ 567.99

91. Engineering Drawing.

Supplies ($244.27):		
Engineering Society, U. of T., drafting supplies	$ 16.48	
Photographic Service, prints	36.74	
University Press, printing and stationery	68.91	
Accounts under $10 (6)	29.10	
Superintendent's Dept., labour, $79.09; material, $13.95	93.04	
Apparatus ($153.02):		
Accounts under $10 (2)	7.78	
Superintendent's Dept., labour, $76.16; materials, $69.08	145.24	
Printing Instruction Sheets ($155.59):		
D. Gestetner, ink, stencils, paper	72.20	
University Press, printing	83.39	
	$ 552.88	
Less Credits: Laboratory deposits	30.70	
		$ 522.18

92. Applied Physics.

Supplies ($545.64):		
Aikenhead's Hardware, hardware, tools	$ 51.64	
Art Metropole, graph paper, pen	21.66	
W. E. Booth Co., colour film, plates	25.51	
Canadian Durex Abrasives Ltd., tape	11.28	
Canadian Laboratory Supplies, tubing, alcohol, clamps	14.67	
T. Eaton Co., Ltd., diagram, reprints, forms	17.71	
Engineering Society, U. of T., drawing supplies	29.99	
D. Gestetner Canada Ltd., foolscap, stencils, etc.	61.50	
Photographic Service, blueprints, plates	54.19	

Stainton & Evis Ltd., pads, wire baskets	10.05	
University Press, stationery, printing	68.76	
Accounts under $10 (15)	64.36	
Sundry disbursements by department	10.00	
Superintendent's Dept., telephone, $1.06; freight, $3.89; labour, $8.21; material, $91.16	104.32	
Apparatus ($1,262.82):		
Aikenhead Hardware, tapes, tools, etc.	29.34	
B. C. Ames Co., gauge	10.38	
Art Metropole, rubber trays	15.35	
Bausch & Lomb Optical Co., condensors	11.00	
Canadian General Electric Co., osciliator	247.35	
Walter A. Carveth Co., Leica camera, ventillating unit	251.25	
Commonwealth Mfg. Corp., sterio tachimeter	12.75	
General Office Furniture Co., 3 used desks	50.00	
General Radio Co., strobotrons, knobs	14.43	
Keuffel-Esser Co., slide rules	17.85	
Leeds-Northrup Co., potentiometer cell	417.42	
W. R. McKee, repairs to motors	22.80	
H. W. Petrie Co. Ltd., milling attachment	10.00	
Polaroid Corp., polaroid glass	49.79	
Ryerson Press, lamp reflector	14.76	
Weston Electrical Instrument Corp., rectifier	12.20	
Wholesale Radio Co., Ltd., radio parts	24.20	
Accounts under $10 (2)	9.00	
Superintendent's Dept., labour, $19.31; material, $23.64	42.95	
	$ 1,808.46	
Less credits: Laboratory deposits	75.05	
		$ 1,733.41

93. General Expenses.

Stationery, printing, calendar, office supplies and incidentals ($2,242.42):		
Baker Carpet Cleaning Co., cleaning	$ 11.33	
Canadian National Telegraphs, telegrams	12.99	
Geo. Everall Co., Ltd., cards	23.71	
D. Gestetner (Canada) Ltd., stencils, ink, etc.	63.20	
Photographic Service, prints, photostats, blueprints	178.97	
Postage	233.50	
Robbins and Townsend, typewriter maintenance	15.00	
University Press, printing and stationery	1,611.74	
Accounts under $10 (5)	21.94	
Sundry disbursements by department	10.63	
Superintendent's Dept., labour. $51.53; material, $7.88	59.41	
Clerical Assistance ($26.75):		
Mrs. G. E. Hammersley, 1½ days	7.50	
Miss M. Hillier, 1 week	19.25	
Messenger Service:		
H. Ross, 4 weeks	40.00	
Furniture, fixtures, books, etc. ($123.64):		
Thomas & Corney, typewriter, $137.70 less allowance on old machine $20.00	117.70	
Superintendent's Dept., labour, $4.32; material, $1.62	5.94	
	$ 2,432.81	
Less credits: Laboratory Deposits	54.85	
		$ 2,377.96

94. Photographic Service.

(a) Salaries:		
Prof. G. R. Anderson, Manager (without remnueration)		
Photographers:		
C. Crowther (overtime $12.00)	$ 1,450.00	
Mrs. M. Milne (overtime $7.00)	1,200.00	
F. Stark (overtime $6.00)	1,000.00	
W. Vance (overtime $3.00)	950.00	

Secretary, Mrs. R. E. Morley	1,150.00	
Office Assistant, Miss R. Cave (paid also in Civil Engineering and Applied Science)	100.00	
Studio Assistant, F. Sayer (overtime $3.00)	800.00	$ 6,650.00
(b) Expenses: ($1,085.45):		
W. E. Booth Co., photo plates	$ 49.36	
Canadian General Electric, projector	22.58	
Eastman Photographic Stores, photo plates, paper, etc.	292.68	
Gevaert Co., chemicals, plates	370.17	
Instruments Ltd., blueprint paper	50.87	
J. Frank Raw Co., developer, paper	14.40	
Rectigraph Co., paper	173.80	
University Press, stationery	66.98	
Accounts under $10 (11)	31.95	
Superintendent's Dept., labour, $5.50; material, $7.16	12.66	
Apparatus ($288.17):		
Eastman Kodak Stores, kodascope	190.07	
T. Eaton Co. Ltd., camera case, projector, meter	98.10	$ 1,373.62
		$ 8,023.62

NOTE: Receipts for photographic work done for various departments (including Accounts Receivable $32.31) amounted to $3,677.79.

95. Mining Building (including Mill Building).

Heat and light		$ 8,352.54	
Gas, $1,201.58; electric current, $47.41; water, $439.56		1,688.55	
Caretaker's supplies:			
Superintendent's Dept., material		286.60	
Cleaning ($3,809.06):			
Allen Mfg. Co., laundry		40.16	
Butterfield Window Cleaning Co.		19.30	
White Window Cleaning Co.		30.00	
A. Clarke, overtime		2.50	
Superintendent's Dept., labour		3,717.10	
Repairs and renewals ($3,982.32):			
Wm. Bartlett & Son, shades		28.36	
City Treasurer, elevator license		15.00	
Accounts under $10 (2)		8.34	
Superintendent's Dept., labour, $2,811.35; material, $1,119.27		3,930.62	
Caretaker:			
A. Clarke, 12 mos. (and overtime $13.00)		1,500.00	
		$ 19,619.07	
Less heat and light charged to Central Power Plant	$ 8,352.54		
Credit for cleaning	12.00	$ 8,364.54	
			$ 11,254.53

96. Engineering Building.

Heat and light	$ 3,642.77	
Gas, $14.64; water, $258.28	272.92	
Caretaker's supplies:		
Superintendent's Dept., material	204.77	
Cleaning ($1,897.52):		
Allen Mfg. Co., laundry	21.90	
F. Baker, overtime services	77.25	
White Window Cleaning Co.	87.00	
Superintendent's Dept., labour	1,711.37	

Repairs and renewals ($2,513.59):			
Wm. Bartlett & Son, shades		74.61	
Dominion Lightning Rod Co., installation of rods		89.00	
W. E. Routery, repairs		114.60	
Superintendent's Dept., labour, $1,567.73; material, $667.65		2,235.38	
Caretaker:			
F. Baker, 12 mos., (and overtime $148.75)		1,450.00	
		$ 9,981.57	
Less heat and light charged to Central Power Plant	$ 3,642.77		
Sundry credits for cleaning, etc.	299.47	$ 3,942.24	
			$ 6,039.33

97. Electrical Building (including Mechanical Building and Wind Tunnel).

Heat and Light		$ 4,187.28	
Fuel for Experimental Plant :			
W. H. Cox Coal Co., Ltd.		1,017.40	
Gas, $77.52; water, $476.69		554.21	
Caretaker's supplies:			
Superintendent's Dept., material		157.00	
Cleaning ($2,023.27):			
Advance Window Cleaning Co.		44.10	
Allen Mfg. Co., laundry		21.63	
White Window Cleaning Co.		18.00	
Superintendent's Dept., labour		1,939.54	
Repairs and renewals ($1,838.50):			
City Treasurer, elevator license		10.00	
Grant Contracting Co., repairs		31.49	
Italian Mosaic & Tile Co., resetting loose treads		36.01	
Superintendent's Dept., labour, $1,456.58; material, $304.42		1,761.00	
Caretaker, E. W. Dean, 12 mos. (and overtime $29.50)		1,350.00	
		$ 11,127.66	
Less heat and light charged to Central Power Plant	$ 4,187.28		
Credits: cleaning, $19.00; sale of Fuel, $2.88	21.88		
		$ 4,209.16	
			$ 6,918.50

98. Geodetic Observatory Building.

Heat and light	$ 250.06	
Water	16.20	
Caretaker's supplies:		
Superintendent's Dept., material	23.05	
Cleaning ($141.28):		
Butterfield Window Cleaning Co.	4.00	
Superintendent's Dept., labour	137.28	
Repairs and renewals ($229.44):		
Northern Electric Co., coils, insulators	13.93	
Superintendent's Dept., labour, $183.20; material, $32.31	215.51	
	$ 660.03	
Less heat and light charged to Central Power Plant	250.06	
		409.97
Charged to Revenue, 1939-40		$342,699.15
Charged to Wallberg Fund		7,000.00
		$349,699.15

X. FACULTY OF DENTISTRY.

99. Salaries.

(a) Regular Staff.

A. D. A. Mason, Dean (paid also as Professor)	$ 1,000.00
Professors:	
A. D. A. Mason, Operative Dentistry (paid also $40 in School of Nursing)	5,000.00
F. M. Lott, Prosthetic Dentistry @ $5,000 (on leave of absence from September for duration of war)	1,800.00
T. Cowling, Dental Technology and Metallurgy (paid also $85 for Extra Mural Lectures)	2,000.00
G. C. Cameron, Dental Pathology and Bacteriology (paid also $25 for Extra Mural Lectures)	3,000.00
C. A. Corrigan, Orthodontia	2,500.00
S. S. Crouch, Dental Anatomy; also Lecturer in Orthodontia (Sessional — paid also $35 for Extra Mural Lectures)	946.00
E. W. Paul, Dental Surgery; also Librarian (paid also $25 for Extra Mural Lectures)	840.00
F. J. Conboy, Dental Praxis	400.00
I. H. Ante, Crown and Bridge Prosthesis (without salary but paid for duration of war—paid also $60 for Extra Mural Lectures)	630.00
Associate Professors:	
Dentistry:	
R. S. Woollatt	4,000.00
H. A. Hoskin	4,000.00
R. G. Ellis @ $3,900 (plus $200 additional for duration of war)	4,100.00
R. J. Godfrey @ $3,800 (plus $200 addidtional for duration of war)	4,000.00
L. F. Krueger	1,500.00
J. H. Johnson, Dental Surgery and Anaesthesia (paid also $195 for Extra Mural Lectures)	3,600.00
C. H. M. Williams, Periodontology (half time—paid also $100 for Extra Mural Lectures)	1,208.00
F. A. Clarkson, Medicine	360.00
F. E. Risdon, Oral Surgery	180.00
L. A. Kilburn, Dental Praxis	150.00
E. S. Ryerson, Assistant Professor, Surgery (see also Faculty of Medicine)	360.00
Associates:	
Dentistry:	
S. M. Richardson (paid also $15 for Extra Mural Lectures)	3,300.00
G. H. Coram	1,400.00
P. G. Anderson	495.00
H. A. Ross	500.00
G. D. Beierl	750.00
F. L. Cole (paid also $60 for Extra Mural Lectures)	640.00
J. H. Duff @ $630 (plus $630 additional for duration of war)	1,260.00
W. T. Holmes	1,000.00
W. L. Hugill	560.00
F. Martin (paid also $50 for Extra Mural Lectures)	630.00
G. V. Morton	670.00
J. M. Sheldon	836.00
R. R. Walker	670.00
R. L. Twible	648.00
D. M. Tanner (see also Faculty of Medicine—paid also $25 for Extension Work)	50.00
Miss W. C. Riddle, Histology, Bacteriology and Pathology	2,160.00
Preventive Dentisry:	
J. Kreutzer; also Lecturer in Orthodontia (Sessional—paid also $25 for Extra Mural Lectures)	1,100.00
Miss D. F. J. Berry	1,400.00
M. A. Cox	600.00

G. W. Spinks, Dental Anatomy	700.00	
G. Vernon Fisk, Orthodontia (paid also $150 in Institute of Child Study)	200.00	
Lecturers (Sessional):		
C. C. Rous, Applied Chemistry and Metallurgy, @ $300 (see also Office Staff)	125.00	
W. D. Cavanagh, Dentistry	540.00	
E. J. Pratt, Special Lecturer in English (paid also $30 in Ontario College of Education and $300 for Extension Work)	360.00	
Instructors (Sessional):		
E. M. Rigsby, Dental Technology	240.00	
Principles of Accounting:		
Miss A. Lougheed (paid also $100 as Instructor in Typewriting for Dental Nurses)	125.00	
W. E. Secord	75.00	
G. A. McMullen, English Expression	100.00	
Demonstrators (Sessional):		
Dentistry:		
C. G. Pearson	500.00	
J. H. G. Harwood	315.00	
W. G. McIntosh, Periodontology	292.00	
W. Butt, First Aid	40.00	
Demonstrators in Dentistry for duration of war:		
A. M. Hord	675.00	
J. G. Perkin	578.00	
T. N. Scott	563.00	
Technicians:		
W. V. Byrne, Dentistry	1,900.00	
Miss I. A. Bumby, Bacteriology and Pathology	1,100.00	
H. Aylward, Infirmary	1,250.00	
Laboratory Assistants in Histology:		
H. F. Whittaker (see also Faculty of Medicine)	150.00	
Mrs. Mary Gratton, 34 weeks	306.00	
		$ 70,377.00

(b) Infirmary Staff (including Nurses)

Nurses:		
Miss E. O. Courtney, Supervisor of Dental Nurses in Training (10 mos.)	$ 1,300.00	
Miss L. E. Tutt (10 mos.)	1,000.00	
Miss M. M. Brown (10 mos.)	800.00	
Miss G. Kyle @ $800 (plus $100 additional for 1939-40 (10 mos.)	900.00	
Miss A. E. Phipps (10 mos.)	800.00	
Miss E. G. Singer (10 mos.)	800.00	
Miss A. H. Rose, (9 mos.)	840.00	
Miss F. G. Whitehead, (8 mos.)	800.00	
Miss A. Lougheed, Instructor in Typewriting for Dental Nurses (see also above)	100.00	
Laundress in Infirmary:		
Mrs. L. Barraclough, 39 weeks, 4 days	653.55	
Miss M. E. Wallace, 2 weeks	30.00	
		$ 8,023.55

(c) Office Staff

C. C. Rous, Secretary, @ $3,100 (on leave of absence from October for duration of war—see also above)	$ 1,390.80	
Miss F. A. Cook, Secretary to the Dean	1,800.00	
Miss F. Ward, Assistant to Secretary, @ $1,200 (plus $200 additional for duration of war)	1,400.00	
Secretarial Assistant @ $1,000:		
Miss E. Hodge, 8 mos. (see also President's Office)	666.66	
Miss C. Cochrane, 1 month	83.34	

Assistant in Library:		
Mrs. E. B. Stephen	1,200.00	
A. D. Atkins, 20 weeks	140.00	
Miss L. Park, Cashier	1,200.00	
Miss M. D. Hill, Clerk in Secretary's Office	1,000.00	
		$ 8,880.80
		$ 87,281.35

100. Laboratory and Infirmary Supplies, etc.

Aikenhead Hardware Ltd., hardware	$ 20.28
I. E. Ante, lantern slides	65.00
Art Metropole, brushes, etc.	13.97
Ash Temple, dental supplies	1,659.25
Wm. Bartlett and Son, shade	10.82
Bausch & Lomb, miscroscope table lamps	279.30
Boeckh Co. Ltd., brushes	13.69
A. T. Button Co. Ltd., dental plastic	82.00
Canadian General Electric Co., controllers	115.63
Canadian Hanson & Van Winkle, whiting, pumice	23.31
Canadian Kaolin Silica Products, silica sand	15.00
Canadian Laundry Machine Co., soda	11.93
L. D. Caulk Co., dental supplies	178.09
Central Scientific Co., glassware, dental supplies	226.39
Chemistry Dept., students breakages	337.80
Columbia Dentoform Corp., teeth, dentoforms	198.61
Corbett-Cowley, laboratory coats	252.41
John Davidson, repairing furniture	45.00
Denco (Ontario) Ltd., dental supplies	687.66
Dental Products Corp., dental supplies	248.99
Dominion Dental Co., dental supplies	415.05
Duborel Laboratories, vapour	22.48
Eastman Photographic Stores, films, prints, etc.	563.65
T. Eaton Co. Ltd., Kleenex, curtains, rods, etc.	152.42
Engineering Society, U. of T., dental paper	17.65
Florentine Co., Ltd., tooth models	19.60
Ed. Green Dental Supplies, dental supplies	237.00
J. J. Guerrio, wire	10.06
J. F. Hartz Co., rubber gloves, needles, syringes, etc.	299.74
Randolph Hincks, microscope repairs	136.29
Hotel and Hospital Supplies, towels	25.64
House of Am-Lee, nurses uniforms	355.97
Frank H. Howlett, model trimmer	59.35
Interlake Tissue Mills, paper napkins	230.00
Johnson & Johnson Ltd., gauze, absorbent, dental floss, etc.	320.91
Johnson Matthey Co., gold, platinum	2,129.60
Wm. J. Kerr Estate, used chair headlight	130.00
Leeman Bros., Inc., polishing outfit	423.47
D. Frank Lott, rheostat, socket, etc.	10.69
Might Directories Ltd., directory	43.20
National Drug & Chemical Co., chemicals	201.56
National Refining Co., gold, wire, etc.	5,518.78
J. H. Schaeffer & Co., photo	10.17
Office Specialty Mfg. Co., card cabinets	235.00
Physics Dept., students breakages	38.20
Photographic Service, prints, slides	145.47
Pringle & Booth Ltd., cards, prints	16.96
Proctor and Gamble, soap	70.09
Pro-phy-lac-tic Brush Co., brushes	17.98
Queen City Brass Foundry, casting	13.50
E. M. Rigsby, blow pipes	24.00
Fred Shorney Ltd., projector, slide file	214.05
Robt. Simpson Co. Ltd., linoleum	42.20
Chas. A. Starr Co., towels	46.31
Stevens Co., trays, dressing drum	52.65
J. & J. Taylor Safe Works, second hand safe	15.00
Toronto Dental Dealers, dental supplies	209.10
Underwood-Elliott-Fisher, rentals	72.00
S. S. White & Co., dental supplies	2,194.46
Whitex Surgical Supply, X-Ray mounts	72.50

Williams Gold Refining Co., gold, wire, etc.	2,012.01	
G. H. Woods, paper, drinking cups	125.81	
University Press, dental nurses' kits, books	282.85	
Accounts under $10 (31)	130.16	
Sundry disbursements by department:		
Laundry, $131,05; drugs and chemicals, $12.63; equipment, $37.47; hardware, telephone and sundries, $37.02	218.17	
Superintendent's Dept., freight, $40.92; labour, $2,208.51; material, $930.40	3,179.93	
	$ 25,246.71	
Less credits: Laboratory deposits, $1,934.04; gold sweepings, $594.03; sale of miscroscope, $25.00	2,553.07	
		$ 22,693.64

101. General Expenses.

Stationery, printing, calendar, office supplies, and incidentals, ($1,918.04):			
Office Specialty Mfg. Co., file, guides		$ 30.85	
Postage		160.00	
Robbins and Townsend, typewriter maintenance		46.10	
University Press, printing and stationery		1,639.58	
Accounts under $10 (6)		26.88	
Sundry disbursements by department:			
Telephones and telegrams		14.63	
Extra-mural lectures ($850.00):			
I. H. Ante		60.00	
G. C. Cameron		25.00	
F. L. Cole		60.00	
T. Cowley		85.00	
S. S. Crouch		35.00	
R. J. Godfrey		25.00	
J. H. Johnson		195.00	
J. Kreutzer		25.00	
F. Martin		85.00	
E. W. Paul		25.00	
S. M. Richardson		30.00	
F. Risdon		25.00	
D. M. Tanner		25.00	
C. H. Williams		100.00	
American Association of Dental Schools, dues		50.00	
		$ 2,768.04	
Less received from Royal College of Dental Surgeons, account extra-mural lectures	$ 500.00		
Credit Laboratory deposits	55.00		
		$ 555.00	
			$ 2,213.04

102. Dental Building.

Fuel:		
Milnes Coal Co.	$ 1,800.09	
Gas, $279.69; electric current, $2,716.92; water, $329.43	3,326.04	
Caretaker's supplies:		
Superintendent's Dept., material	619.57	
Cleaning and Fireman, ($3,238.64):		
Butterfield Window Cleaning Co.	27.00	
Superintendent's Dept., labour	2,377.92	
Fireman, Superintendent's Dept., labour	833.72	
Repairs and renewals ($2,557.01):		
Wm. Bartlett & Son, shades	12.78	
Canadian Inspection & Testing Co., analysis of coal	6.00	
City Treasurer, elevator licenses	10.00	
Drummond McColl Co., boiler tubes	36.29	
John Lindsay Co., asphalt flooring	242.41	

W. E. Routery, plastering repairs	169.70	
Supreme Boiler & Engineering Co., boiler repairs	36.90	
Superintendent's Dept., labour, $1,599.91; material, $443.03	2,042.93	
Caretaker, R. Eades, 12 mos. (and overtime, $27.50)	1,400.00	
	$ 12,941.35	
Less credits: cleaning, $12.50; sale of cinders, $10.08	22.58	$ 12,918.77
		$125,106.80

XI. FACULTY OF HOUSEHOLD SCIENCE

103. Salaries.

(a) Household Science:		
Miss Jessie Brodie, Professor (with rooms, heat and light valued @ $280)	$ 4,200.00	
Assistant Professors:		
Miss Alice C. Willard	3,450.00	
Miss E. W. Park	2,700.00	
Lecturers (Sessional):		
Miss J. I. Simpson	2,500.00	
Miss J. S. Roberts	2,400.00	
Miss D. E. Mulholland	1,800.00	
Miss H. R. Coatsworth (part time)	1,000.00	
Assistants (Sessional):		
Miss J. E. Young	900.00	
Miss M. E. Lovell	800.00	
Misss F. E. Lamon, Research Assistant	1,000.00	
	$ 20,750.00	
Charged to Massey Treble Bequest	3,000.00	
		$ 17,750.00
(b) Food Chemistry:		
Dr. C. C. Benson, Professor, also Secretary to Faculty (with rooms, heat and light valued @ $280)	$ 4,200.00	
Lecturers (Sessional):		
Dr. M. Doreen Smith	1,700.00	
Miss E. I. Walker	1,700.00	
Instructors (Sessional):		
Miss E. J. Reed	1,200.00	
Miss D. M. Chapman	1,000.00	
Assistants (Sessional—part time):		
Miss D. M. Lindsley (paid also $600 as Clerical Assistant)	450.00	
Miss M. P. Hume	200.00	
		$ 10,450.00
		$ 28,200.00

104. Household Science Department.

Laboratory supplies ($1,644.30):	
Acme Farmers Dairy, milk	$ 227.69
Canadian Industries Ltd., acids	34.09
Canadian Laboratory supplies, glassware, tubing, etc.	171.82
Central Scientific Co. Ltd., glassware	66.41
T. Eaton Co., Ltd., kitchen equipment	136.07
Lever Bros., soap	11.19
National Research Council of Canada, tests	47.12
A. Provan, provisions	721.17
F. Simpson & Sons, provisions	119.49
Robt. Simpson Co., dishes	34.68
Accounts under $10 (10)	45.85
Sundry disbursements by department	14.07
Superintendent's Dept., labour, .68; material, $13.97	14.65

Laboratory attendance ($1,510.00):		
Miss A. Conacher, 43 weeks	688.00	
Mrs. E. Lyons, 5 weeks	25.00	
Miss N. Michener, 10 weeks	50.00	
Mrs. J. A. Roth, 15 weeks	75.00	
Mrs. E. Stroud, 42 weeks	672.00	
Equipment and incidentals ($135.25):		
Continental Rug Co., rug	71.10	
Robbins and Townsend, typewriter maintenance	30.40	
Accounts under $10 (4)	14.26	
Superintendent's Dept., labour, $15.25; material, $4.24	19.49	
Books and Special Equipment ($1,634.30):		
Canadian General Electric Co., hotplate, icing unit	41.65	
T. Eaton Co., Ltd., carpet, curtains, etc.	206.74	
Steam Electric Corp., iron	10.47	
Wistar Institute of Anatomy and Biology, subscription	12.39	
University Press, directory, binding, printing, etc.	28.49	
Accounts under $10 (14)	62.76	
Superintendent's Dept., labour, $656.21; material, $615.59	1,271.80	
	$ 4,923.85	
Less Laboratory Deposits, $298.33; materials returned, $16.50; charged to Massey Treble Bequest, $1,634.30	1,949.13	
		$ 2,974.72

105. Food Chemistry.

Maintenance ($960.12):		
Bausch & Lomb, polaroid discs	$ 10.00	
Warren E. Collins, Inc., crucibles, etc.	11.07	
Canadian Industries Ltd., acids	15.35	
Canadian Laboratory Supplies, crucibles, chemicals, etc.	407.20	
Central Scientific Co., chemicals, pipettes, etc.	153.99	
T. Eaton Co., towels	39.58	
Ontario Rubber Co., Ltd., tubing	32.49	
Thos. Pocklington Co., instrument repairs	57.50	
L. C. Smith & Corona Typewriter Co., duplicator	48.51	
University Press, stationery, text books	29.42	
Accounts under $10 (11)	41.30	
Sundry disbursements by department:		
Hardware, $14.61; books & stationery, $10.40; food supplies, $28.45; sundries, $23.00	76.46	
Superintendent's Dept., freight, $1.51; labour, $17.69; material, $18.05	37.25	
Laboratory attendance ($1,096.20):		
Mrs. R. Berry, 39 weeks	390.00	
Mrs. Isabel Scott, 42 4/5 weeks	706.20	
	$ 2,056.32	
Less credit from Laboratory deposits	252.44	
		$ 1,803.88

106. General Expenses.

Stationery, printing, office supplies and incidentals ($153.12):		
D. Gestetner (Canada) Ltd., paper, stencils, ink, etc.	$ 17.40	
Postage	32.00	
Students' Administrative Council, Torontonensis	5.00	
University Press, stationery, printing	90.64	
Sundry disbursements by department:	8.08	
Clerical assistance ($1,700.00):		
Miss E. C. Cross, 10 mos.	1,100.00	
Miss D. M. Lindsley, 12 mos.	600.00	
		$ 1,853.12

107. Household Science Building.

Heat and light	$ 3,047.30	
Gas, $257.90; water, $369.90	627.80	
Central Coal Co.	20.80	
Caretaker's supplies:		
Superintendent's Dept., material	150.60	

Cleaning ($1,671.04):			
White Window Cleaning Co.		24.00	
Superintendent's Dept., labour		1,647.04	
Repairs and renewals ($1,450.08):			
Italian Mosaic & Tile Co., tile work		32.40	
Johnson Temperature and Regulating Co., repairs to system		37.49	
W. E. Routery, plastering repairs		26.15	
Vulcan Asphalt Supply Co., repairs to roof		24.43	
Superintendent's Dept., labour, $903.64; material, $414.91		1,318.55	
Accounts under $10 (2)		11.06	
Caretaker, A. J. Maycock (with rooms, heat and light valued at $420.00) (and overtime, $24.75) 12 mos.		1,150.00	
		$ 8,117.62	
Less heat and light charged to Central Power Plant	$ 3,047.30		
Credits for cleaning, etc.	9.50		
		$ 3,056.80	
			$ 5,060.82
			$ 39,892.54

XII. FACULTY OF FORESTRY

108. Salaries.

Professors:		
C. D. Howe, Dean of the Faculty	$ 6,000.00	
J. H. White	4,900.00	
Associate Professors:		
T. W. Dwight	4,300.00	
G. G. Cosens	3,900.00	
R. C. Hosie, Assistant Professor	3,300.00	
Special Lecturers:		
F. S. Newman	25.00	
A. Dunne	10.00	
Miss G. McAree, Secretary in Dean's Office	1,200.00	
		$ 23,635.00

109. Maintenance of Department.

Laboratory supplies and apparatus ($446.65):	
Consolidated Plate Glass Co., mirror plate	$ 15.89
Physics Dept., surfacing stereoscope	10.00
Photographic Service, prints	24.83
H. H. Parsons, logging operations models	120.00
University Press, stationery, printing	57.73
Accounts under $10 (10)	34.74
Sundry disbursements by department:	
Stationery and subscriptions, $21.68; sundries, $5.58	27.26
Superintendent's Dept., freight, $5.19; labour, $93.04; material, $57.97	156.20
Office supplies, printing Calendar, postage and incidentals ($202.34):	
Lowe-Martin Co., transfer cases	9.60
Postage	25.20
Robbins and Townsend, typewriter maintenance	10.60
University Press, printing, stationery	130.79
Sundry disbursements by department:	
Telephone & telegrams, $17.50; sundries, $6.85	24.35
Superintendent's Dept., freight	1.80
Collecting material for classwork	
R. C. Hosie	41.15
Laboratory Assistance:	
Hugh Campbell, 38 weeks	371.00
Practice Camp supplies, travel, etc. ($1,462.51):	
Travelling expenses:	
G. G. Cosens	131.20
T. W. Dwight	156.48
Henry N. Middleton, timber cruising	30.00
Sherwood Forest Camp, students and instructors board and lodgings	1,051.30

J. H. White, silviculture		27.80	
Accounts under $10 (2)		15.09	
Sundry disbursements by department		4.18	
Superintendent's Dept., material		46.46	
		$ 2,523.65	
Less received from students for board	$ 800.00		
Credits for sale of material, etc.	5.91		
		$ 805.91	
			$ 1,717.74

110. Forestry Building.

Heat and light		$ 888.57	
Gas, $8.34; water, $9.22		17.56	
Caretaker's supplies ($64.65):			
Superintendent's Dept., material		64.45	
University Press, notebook		.20	
Cleaning ($349.82):			
Allen Mfg. Co., laundry		4.70	
Butterfield Window Cleaning		11.00	
Superintendent's Dept., labour		334.12	
Repairs and renewals ($316.55):			
Wm. Bartlett and Son, shades		2.00	
Superintendent's Dept., labour, $258.79; material, $55.76		314.55	
Caretaker, E. G. Payne, 12 mos. (and overtime $39.00)		1,450.00	
		$ 3,087.15	
Less heat and light charged to Central Power Plant	$ 888.57		
Credit for cleaning	2.00		
		$ 890.57	
			$ 2,196.58
			$ 27,549.32

XIII. FACULTY OF MUSIC

111. Salaries.

Sir Ernest MacMillan, Dean (without salary)		
Professors:		
Healey Willan @ $4,000., of which $2,000 paid by Toronto Conservatory of Music	$ 2,000.00	
Leo Smith	1,000.00	
J. Leland Richardson, Carillonneur	500.00	
Miss A. W. Patterson, Secretary to Faculty (paid also as President's Secretary)	250.00	
		$ 3,750.00

112. Maintenance of Department.

Printing Calendar, postage and incidentals:		
Postage	$ 30.00	
University Press, printing and stationery	98.76	
		$ 128.76

113. Special.

Grant to Toronto Conservatory of Music		$ 10,000.00
		$ 13,878.76

XIV. SCHOOL OF GRADUATE STUDIES

114. Salaries.

G. S. Brett, Dean (see also Philosophy)	$ 1,000.00	
Miss N. MacKenzie, Secretary	2,200.00	
Miss D. R. Bond, Assistant	950.00	
		$ 4,150.00

115. Maintenance of Department.

Stationery and Office Supplies:		
Office Specialty Mfg. Co., cabinet, trays, cards	$ 82.95	
Postage	67.00	
University Press, printing and stationery	317.58	
Accounts under $10 (5)	20.87	
Clerical Assistance:		
Miss E. Ridge, Secretariat, Board of Examiners for Professional Degrees, $50.00; expenses, $1.36	51.36	
		$ 539.76
		$ 4,689.76

XV. SCHOOL OF NURSING.

116. Salaries.

Miss E. K. Russell, Director	$ 3,700.00	
Miss F. H. M. Emory, Associate Director, also Supervisor of Courses for Graduate Nurses and Lecturer in Public Health Nursing	3,000.00	
Miss N. D. Fidler, Supervisor of Hospital Administration and Teaching Courses for Graduate Nurses, and Lecturer in Nursing and Hospital Administration (Sessional)	2,200.00	
Miss W. L. Chute, Lecturer in Science and Nursing (Sessional)	2,200.00	
Miss M. B. Millman, Supervisor of Field Practice and Lecturer in Public Health Nursing (Sessional)	2,100.00	
Lecturers in Nursing and Clinical Instructors in Hospital (Sessional):		
Miss D. M. Percy	2,100.00	
Miss M. Jean Wilson (with living valued @ $400)	1,400.00	
Miss Marion E. Waddell, Dietitian-Housekeeper (Sessional—with living valued @ $400)	1,200.00	
Miss N. K. C. Kenney, Residence Nurse, 10 mos. (with living valued @ $365)	850.00	
Miss E. N. L. Mortimer, Secretary-Librarian	1,800.00	
Clerical Assistants (Sessional):		
Miss H. Weeks @ $924 (resigned 1 September)	154.00	
Mrs. Eileen Troop, 6 mos.	480.00	
		$ 21,184.00

117. Special Teaching.

Critic Teachers in City Schools, etc. for practice-teaching purposes ($535):		
Board of Education	$ 515.00	
Separate School Board	20.00	
University Departments and Special Lecturers ($4,027.97):		
School of Hygiene	400.00	
Psychology	300.00	
Anatomy	200.00	
Social Science	200.00	
Lecturers (Sessional):		
Dr. Norma H. C. Ford, Biology (see also department)	300.00	
N. A. M. MacKenzie (see also Law)	40.00	
C. E. Phillips, Development of Modern Thought (see also Ontario College of Education)	215.00	
Beverley Hannah, Special Lecturer in Medicine and Lecturer in Communicable Disease (see also Department of Medicine)	190.00	
Medicine (see also department):		
Trevor Owen	115.00	
J. H. Elliott	40.00	
Gordon Bates	20.00	
H. A. Dixon	35.00	
Alan Brown, Paediatrics (see also department)	160.00	
Surgery (see also department):		
W. K. Welsh	130.00	
D. E. Robertson	10.00	
H. B. Van Wyck, Obstetrics (see also department)	100.00	
Perry Goldsmith, Oto-Laryngology	45.00	

C. E. Hill, Ophthalmology (see also department)	20.00
W. E. Brown, Therapeutics (see also department)	10.00
C. G. Stogdill, Mental Hygiene (see also Psychology and Psychiatry)	100.00
A. D. A. Mason, Oral Hygiene (see also Dentistry)	40.00
J. T. Phair, Child Hygiene (see also School of Hygiene)	40.00
Mrs. Florence E. Woodcock, Massage (see also University Extension)	75.00
Miss Alma Reid	30.00
Miss M. A. Swan	15.00
Miss M. Bell, Nutrition	15.00
Miss D. Shantz	25.00
Nursing:	
Miss E. Hickey	25.00
Miss E. Moore	20.00
Miss E. deV. Clarke	15.00
Miss J. Kniseley (paid also $10 in Refresher Course)	15.00
Miss M. MacKay	10.00
Sundry persons	10.00
Extension Course on Hospital Administration:	
Malcolm T. MacEachern	50.00
G. Harvey Agnew (paid also $20 in Refresher Course)	40.00
Clayton Smith	30.00
Miss G. L. Rowan	20.00
Miss W. Moyle	20.00
R. W. Longmore	20.00
A. S. Swanson	20.00
G. Friesen	20.00
K. G. Gray (see also Medical Jurisprudence)	20.00
J. Hornell	20.00
Carl Flath	15.00
Miss E. M. McKee (including travelling expenses)	21.70
W. A. Scott (see Obstetrics & Gynaecology)	10.00
Miss H. T. Meiklejohn (paid also $25 in Refresher Course)	10.00
Harold Smith	10.00
James Govan	10.00
F. A. Logan	10.00
Refresher Courses:	
Administrative Problems in Public Health Nursing Practice:	
A. H. Sellers (see also School of Hygiene)	20.00
Miss E. Moore	10.00
Miss E. Cryderman	10.00
Miss E. Hickey	10.00
Miss M. W. Sheahan (including expenses)	88.82
D. V. Currey (see also School of Hygiene)	30.00
Hospital Social Work:	
S. K. Jaffary (see also Social Science)	20.00
J. D. Ketchum (see also Psychology)	30.00
Mrs. H. A. Paice (including expenses)	57.45
Miss B. M. Finlayson (see also Social Science)	30.00
G. Harvey Agnew (see also above)	20.00
William Boyd (see also Pathology & Bacteriology)	10.00
Miss J. Kniseley (see also above)	10.00
Miss E. E. Fraser	10.00
Obstetrical Nursing:	
W. A. Scott (see also above)	30.00
H. B. Van Wyck (see also above)	30.00
Miss H. T. Meiklejohn (see also above)	25.00
Miss J. I. Gunn	20.00
Miss B. L. Ellis	15.00
Miss E. Barry (Sister Jeanne)	15.00
Alan Brown (see also above)	10.00

W. E. Cosbie	10.00	
J. C. Goodwin } see also Obstetrics and Gynaecology	10.00	
D. M. Low	10.00	
Miss E. Greenwood	5.00	
Miss D. Jeffrey, Special Instructor in Nursing (Sessional)	180.00	
Hospitals and Public Health Organizations ($895.00)		
Miss Margaret Murray	90.00	
Victorian Order of Nurses	310.00	
Toronto General Hospital	117.50	
Canadian Red Cross Society	110.00	
Toronto Western Hospital	50.00	
Neighborhood Workers Association	45.00	
St. Michael's Hospital	30.00	
Brantford General Hospital	20.00	
Hospital for Sick Children	20.00	
Hamilton General Hospital	20.00	
Toronto Psychiatric Hospital	17.50	
St. Elizabeth Visiting Nurses Association	15.00	
Women's College Hospital	15.00	
Catholic Welfare Bureau	15.00	
Nicholl's Hospital Peterborough	10.00	
Ontario Hospital London	10.00	
		$ 5,457.97

118. School Maintenance.

Office supplies, printing, postage, incidentals and occasional clerical assistance ($1,153.87):	
D. Gestetner Ltd., ink, stencils	$ 70.60
Postage	83.00
Robbins & Townsend, typewriter inspection	11.40
Underwood Elliott, Fisher Ltd., typewriter repairs	25.44
University Press, printing and stationery	452.21
Accounts under $10 (3)	18.47
Clerical Assistance:	
Miss Margaret Game	393.00
O. L. Hogg	15.00
G. Judson	2.00
Miss J. Maxwell	5.40
Mrs. J. Mudge	9.00
Miss M. Price	2.75
G. Werchert	2.00
Superintendent's Dept., labour, $6.88; material, $2.01	8.89
Sundry disbusements by Director:	
Taxis $17.80; stationery, $14.55; telegrams, $11.75; telephone calls, $9.11; sundries, $1.50	54.71
Class-room equipment and supplies, library and advertising ($381.82):	
Central Scientific Co., chemicals, glassware	17.61
Commonwealth Fund, books	12.16
Eastman Photographic Stores, film	14.55
T. Eaton Co., subscriptions	17.10
J. F. Hartz Co., syringes, needles, instruments, etc.	14.21
Office Specialty Mfg. Co., desk	48.50
Postage	35.00
University of Toronto Library, lost books replaced	31.79
University of Toronto Press, books	33.55
Advertising:	
"Canada Hospital"	22.00
McLean Publishing Co.	42.00
Sundry disbursements by Director:	
Magazines and daily papers, $6.49; drugs, $3.48; sundries, $2.21	12.18
Accounts under $10 (18)	81.17
Graduation expenses and fellowship payments ($332.95):	
Birks-Ellis-Ryrie, graduate pins	172.50
Dr. Charles Peaker, organist at Convocation	20.00
Accounts under $10 (5)	15.45

Internships:		
Miss E. Adams	25.00	
Miss E. Petrie	25.00	
Miss B. Rogers	25.00	
Miss N. Yeo	50.00	
Travelling and entertainment, extra curricular activities ($47.50):		
Dr. J. G. Falconer, medical examination of domestics	10.00	
F. Sylvester, musical services	10.00	
Miss F. H. Emory, travelling expenses	15.00	
Miss M. J. Wilson, travelling expenses	15.00	
Miss E. K. Russell, travelling expenses and entertainment of visitors	24.50	
		$ 1,943.14

119. Residence Maintenance

Residence Physician:		
Dr. J. G. Falconer	$ 200.00	
Wages, food, laundry and miscellaneous ($14,710.86):		
Pay lists, wages of maids, etc.	4,513.58	
Arcade Florist, flowers	10.00	
Baker Carpet Cleaning Co., cleaning	15.00	
James Bamford & Sons, fruit and vegetables	563.67	
Barker-Bredin Bakeries, bread and cakes	245.86	
Wm. Bartlett and Sons, awnings	22.70	
Canada Bread Co., bread and cakes	87.62	
Canada Packers Ltd., meat, etc.	516.34	
Canadian Tumbler Co., dishes and tumblers	16.45	
Christie, Brown Co., cakes and biscuits	147.31	
Club Coffee Co., tea and coffee	366.61	
Corbett-Cowley Ltd., aprons	40.13	
Donlands Dairy Ltd., milk	857.64	
T. Eaton Co. Ltd., kitchen utensils, etc.	295.16	
Electrolux (Canada) Ltd., repairs to electrolux	12.95	
John J. Fee, eggs and poultry	32.25	
H. J. Heinz Co., pickles, canned goods	64.46	
Ingram and Bell, chemicals, etc.	35.62	
Kraft Phoenix Cheese Co., cheese	181.56	
Lines Limited, eggs	234.27	
Loblaw Groceterias, provisions	363.30	
McFarlands Market, fruits and vegetables	529 64	
Marshall Co., butter	278.99	
Michie & Co., provisions	118.73	
S. A. Monk, plants and garden work	84.40	
National Grocers Ltd., provisions	1,319.17	
Wm. Neilson Ltd., ice cream	208.78	
Pacific Mills Ltd., toilet tissue	35.00	
Parisian Laundry, laundry	504.63	
Plumstead Provisions, meat	14.10	
Porter and Black, eggs	64.95	
St. Lawrence Fish Market, fish	169.89	
Slichter's Ltd., flowers	14.50	
Sterling Coffee Co., tea and coffee	24.50	
West Toronto Creamery, butter	155.43	
White Window Cleaning Co., window cleaning	12.00	
John H. Wickson, meats	1,383.78	
G. H. Wood & Co., paper, drinking cups	33.53	
Accounts under $10 (13)	54.90	
Sundry disbursements by Secretary in connection with 78 Grosvenor Streeet	400.00	
Sundry disbursements by Director:		
Food supplies, $162.50; hardware, $41.70; flowers $15.65; drugs, $2.77; car fare, $1.00; sundries, $24.65	248.27	
Superintendent's Dept., labour, $29.23; material, $404.96	434.19	
Furnishings ($1,019.34):		
Aluminum Goods Ltd., pans	14.82	
Canadian Tumbler Co., tumblers, dishes	19.90	
T. Eaton Co., desks, chairs, slip covers, linens, etc.	602.34	
Donald MacLean, towelling	10.50	
Robert Simpson Co., linoleum and laying	83.47	
Toronto Hydro Electric System, toaster	8.95	
Superintendent's Dept., materials	279.36	
		$ 15,930.20

120. Contingencies.

Hart House, reception	$ 34.70	
Routery Bros., repairing fallen ceiling	121.60	
Superintendent's Dept., labour, $54.08; material, $24.32	78.40	
Alterations:		
Superintendent's Dept., labour, $922.37; material, $77.63	1,000.00	
		$ 1,234.70

121. Maintenance of Building (No. 7 Queen's Park).

Fuel ($1,232.69):		
Department of Public Works	$ 1,200.00	
Elias Rogers Co.	32.69	
Water, $186.13; electric current, $535.42; gas, $332.89	1,054.44	
Caretaker's supplies:		
Superintendent's Dept., material	254.35	
Repairs and Renewals ($1,364.60):		
Wm. Bartlett and Son, shades	28.23	
F. Hogg Nursery Co., bulbs	12.26	
W. E. Routery, repairs in dining room	34.90	
Robt. Simpson Co., linoleum	11.77	
Superintendent's Dept., labour, $1,104.73; material, $172.71	1,277.44	
Sundries ($452.29):		
Bell Telephone Co., service	438.29	
Miss E. J. Davidson, refund of dues	14.00	
Caretaker, T. Marriott, 12 mos.	1,350.00	
		$ 5,708.37
		$ 51,458.38
Charged to Revenue, 1939-40		$ 7,500.00
Charged to Rockefeller Fund		$ 43,958.38
		$ 51,458.38

XVI. SOCIAL SCIENCE

122. Salaries.

A. E. Grauer, Director and Professor, @ $4,500 (resigned 31 July)		$ 375.00	
S. K. Jaffary, Associate Professor from 1 January @ $3.800 (paid also $20 in School of Nursing)		1,900.00	
Miss A. C. McGregor, Assistant Director and Assistant Professor		2,600.00	
Lecturers (Sessional):			
Miss B. M. Finlayson (paid also $30 in School of Nursing and $100 for Extension Work)		2,400.00	
D. G. McCullagh		1,900.00	
Special Lecturers (Sessional):			
Miss K. Gorrie		150.00	
Miss F. Held		150.00	
Miss N. Lea		150.00	
Miss M. Bell		75.00	
M. M. Cohn		75.00	
H. Cruickshank		75.00	
R. E. Mills		75.00	
School of Nursing		75.00	
Miss C. E. Whitton		50.00	
Miss M. Fleming		37.50	
B. W. Heise		37.50	
Miss D. Hobden		35.00	
H. C. Hudson		30.00	
K. H. Rogers (see also Psychology)		20.00	
David Smith		25.00	
Miss E. B. Bambridge, Secretary-Librarian		1,400.00	
Special Lecturer:			
Miss Mary Turner, 6 weeks and travelling expenses, $52.18		652.18	
		$ 12,287.18	
Less paid by School of Nursing	$ 200.00		
Paid by T. F. Social Science Fund	652.18		
		$ 852.18	
			$ 11,435.00

123. Maintenance of Department.

Office Supplies, printing, Calendar, postage and incidentals ($678.00):			
American Association of Schools for Social Work, membership dues	$	55.78	
Postage		132.88	
University Press, printing, stationery		280.57	
Accounts under $10 (7)		27.89	
Clerical Assistance:			
Miss Muriel Ditchburn, 5 weeks, 3 days		99.00	
Miss Anne Law, 8 days		28.00	
Expenses for field work:			
Miss B. M. Finlayson		10.45	
D. G. McCullagh		10.00	
Sundry expenses by department:			
Books & Sationery, $12.61; telephone & telegrams, $11.85; sundries, $5.54		30.00	
Superintendent's Dept., labour, $2.90; material, .53		3.43	
Library ($298.03):			
Receiver General of Canada, books		16.71	
Survey Associates Inc., subscriptions		20.18	
University Press, books		104.75	
Accounts under $10 (21)		81.04	
Superintendent's Dept., sales tax		.35	
Library Assistant, Miss V. McLean		75.00	
			$ 9776.03
			$ 12,411.03

XVII. UNIVERSITY EXTENSION AND PUBLICITY.

124. Salaries.

W. J. Dunlop, Director	$	5,500.00	
B. W. Sharpe, Assistant Director		2,700.00	
Assistants:			
Miss D. de Milner (paid also $4.50 as Attendant, Evening Classes)		1,500.00	
Miss G. Anderson (paid also $93.00 as Attendant, Evening Classes)		1,450.00	
Mrs. M. Joyce J. Mudge, @ $1,400, 2 mos. resigned (paid also $12.00 as Attendant, Business Course; $54.00 as Clerical Assistant and $9.00 in School of Nursing)		233.34	
Stenographers:			
Miss L. B. Alexander (paid also $9.00 as Attendant, Evening Classes)		1,150.00	
W. A. Munro (paid also $106.50 as Attendant, Evening Classes)		1,150.00	
Miss B. W. McClennan, @ $1,000, 10 mos. (paid also $16.50 as Attendant, Evening Classes)		833.34	
Miss V. M. Sheldon, @ $900, 10 mos. (paid also $12.00 as Attendant, Evening Classes)		750.00	
Miss M. A. Brett, @ $800, 9 mos. (paid also $57.00 as Attendant, Evening Classes)		600.00	
Clerks:			
R. P. Brown, @ $1,100, 11 mos. (paid also $106.50 as Attendant, Evening Classes)		1,008.33	
W. J. Dunlop, @ $1,100, 3½ mos. resigned (paid also $3.00 as Attendant, Evening Classes)		320.83	
			$ 17,195.84

125. Extension and Publicity Departments.

(a) Extension:			
Instructors ($51,887.54):			
D. S. Ainslie	$	100.00	
J. H. Aitchison		420.00	
E. A. Allcut		220.00	
J. M. Anderson		300.00	
J. G. Andison		480.00	
R. W. Angus		30.00	
R. G. Armour		50.00	

F. C. Auld	230.00
J. W. Bain	20.00
W. Baird	32.50
H. de W. Ball	150.00
G. P. Beal	200.00
L. S. Beattie	31.50
S. Beatty	34.00
W. H. Becking	84.00
C. B. Bell	30.00
E. S. W. Belyea, (including expenses, $33.75)	333.75
W. G. Bennett	124.50
K. S. Bernhardt	656.00
A. E. Birney	870.00
V. W. Bladen	338.00
H. Boeschenstein	250.00
R. C. Borden, (travelling expenses, $39.61)	39.61
E. A. Bott	200.00
E. H. Botterell	20.00
Miss E. Bowling	50.00
R. Brauer	420.00
Miss E. Britton, (paid also $150.00 in Anatomy)	600.00
Miss M. Brookstone	180.00
E. K. Brown	210.00
G. W. Brown	382.00
W. J. Brown	121.50
R. R. Buchanan	10.00
C. Burgess	400.00
J. Cano	200.00
B. Card	200.00
H. M. Chamberlain	10.00
S. N. F. Chant	680.00
Miss A. C. Cole	148.00
E. L. Cousins	150.00
Miss J. Coventry	100.00
Miss F. Cowie	100.00
H. S. M. Coxeter	300.00
D. G. Creighton	322.00
A. G. Croal	16.50
F. R. Crocombe	420.00
Miss K. M. Crossley	100.00
T. L. Crossley	10.00
E. A. Dale	10.00
J. Davies	10.00
R. M. Dawson	20.00
T. N. Dean	10.00
St. E. de Champ	200.00
D. B. Delury	300.00
E. H. Dexter (paid also $230.55 from special fund)	525.00
J. E. Elliott	20.00
J. H Elliott	30.00
J. M. Elson	400.00
N. J. Endicott	300.00
F. G. Ewens	200.00
J. G. Falconer	50.00
J. H. Fee	525.00
F. Ferguson	50.00
E. Fidlar	450.00
R. D. C. Finch	300.00
Miss B. M. Finlayson	100.00
A. A. Fletcher	30.00
Miss J. M. Forester	200.00
Miss M. L. Frank	1,200.00
Miss R. M. Frank	200.00
W. P. Fraser	25.00
W. G. Frisby	300.00
W. J. Gardiner, (paid also $400 Therapeutics Dept.)	500.00
R. George	125.00
Miss A. Gibson	850.00
G. P. de T. Glazebrook	150.00

T. B. Godfrey	200.00
T. A. Goudge	104.00
Mrs. M. C. Graham	40.00
H. A. Grainger	46.50
R. R. Grant	360.00
C. M. Haldenby	80.00
Miss J. Hampson	100.00
J. E. M. Hancock	200.00
C. W. M. Hart	70.00
H. G. Harvey	67.00
A. K. Harvie	10.00
R. W. Hicks	300.00
F. S. Hogg	382.00
N. A. Hooper	80.00
F. J. Horwood	200.00
J. A. Houpert	700.00
G. W. Howland	60.00
W. L. Hutton	100.00
F. C. W. Hyde	10.00
H. A. Innis	110.00
Institute of Child Study	200.00
E. Johnson	200.00
H. Johnson	420.00
D. G. Jory	100.00
C. B. Kay	20.00
W. K. F. Kendrick	100.00
F. H. Kirkpatrick	300.00
A. Lacey	106.00
R. R. Langford	420.00
B. Laskin	100.00
Miss N. Lea	100.00
Miss H. P. LeVesconte	500.00
F. J. Lewis	20.00
W. Line	200.00
H. A. Logan	110.00
G. R. Lord, (including expenses $20.70)	30.70
Miss I. Loudon	675.00
T. R. Loudon	600.00
W. J. Lougheed	34.50
H. R. MacCallum	450.00
W. J. McCurdy	420.00
J. L. McDonald	40.00
Miss M. D. MacDonald	200.00
W. C. Macdonald, (including expenses $20.23)	40.23
D. J. McDougall	100.00
N. B. McElheran	200.00
G. C. McGeachy	60.00
R. M. McGillivray	416.00
Miss E. B. McGregor, (sessional)	1,000.00
G. McInnis	200.00
J. C. McInnis	500.00
R. B. McIntyre (7 mos.)	1,900.00
K. A. McKay	420.00
A. T. McLachlin	600.00
G. A. McMullen	400.00
J. T. MacPherson	100.00
Miss H. McMurrich	200.00
C. Marchant	100.00
Miss E. N. Martin	200.00
J. W. Melson	800.00
P. M. Millman	300.00
J. H. Mills	18.00
L. T. Morgan	100.00
E. W. Morse	120.00
J. J. Mosher	384.00
N. L. Murch	34.50
C. R. Myers	300.00
Miss N. C. Needler	10.00
Miss R. J. Northcott	100.00
T. W. Oates	24.00

V. J. Okulitch	205.00
Miss A. H. Parsons	400.00
J. F. Parkinson	230.00
J. Patterson	850.00
C. R. Philp	50.00
Miss V. H. Peene	200.00
J. G. Perold	20.00
A. Pitt	250.00
A. F. W. Plumptre	20.00
M. J. Pollett	150.00
I. R. Pounder	64.00
E. J. Pratt	300.00
G. E. Price	100.00
J. Proby	210.00
D. F. Putnam	355.00
Miss F. M. Quinlan	100.00
N. W. Radforth	80.00
J. J. Rae	420.00
W. H. Rapson	100.00
G. Rayner	150.00
A. L. Richardson	200.00
J. R. Richmond	300.00
J. G. Riddell	410.00
J. D. Robbins	100.00
K. H. Rogers, (includes expenses $15.75)	85.75
L. J. Rogers	10.00
Mrs. J. M. Ross	200.00
E. M. Rutledge	14.00
J. H. Ryan	200.00
E. T. Salmon	50.00
P. J. Sandiford	750.00
R. M. Saunders	682.00
Miss R. Shilton, (paid also $300 in Therapeutics)	1,800.00
A. G. Shuyler	200.00
L. A. Skeoch	20.00
B. M. Smith, 1½ mos.	187.50
Miss F. A. Smith	804.00
H. G. Soward	10.00
H. Sprang	10.00
B. F. Sullivan	378.00
M. D. C. Tait	450.00
R. T. Tanner	30.00
G. Tatham	255.00
Griffith Taylor	570.00
T. M. C. Taylor	466.00
J. K. Thomas	200.00
M. H. Thomas	100.00
S. L. Thompson	270.00
J. E. Thomson	200.00
G. H. Tidy	100.00
F. J. Tobin	50.00
Toronto General Hospital	120.00
Trans-Canada Airlines	600.00
W. H. Tretheway	420.00
Mrs. Mary Turner	600.00
F. H. Underhill	140.00
Miss M. E. G. Waddell	420.00
A. B. Ward	200.00
E. T. Waters	100.00
F. E. W. Wetmore	200.00
W. L. White	50.00
D. C. Williams	300.00
A. Wingfield	100.00
Miss M. Winspear	100.00
Mrs. Florence E. Woodcock	1,200.00
I. Wright	20.00
B. Yardley	10.00
A. R. Zimmer	10.00
Sundry persons	15.00

Class Assistants ($995.00):

W. Banton	20.00
L. G. Berry	75.00
Miss M. Brookstone	300.00
M. L. Hammond	20.00
G. M. Neal	150.00
A. Prince	50.00
M. H. Thomas	150.00
F. J. Tobin	150.00
Wm. Wightman	40.00

Readers ($225.00):

Miss M. Loeb	150.00
B. M. Springbett	75.00

Attendants ($1,679.35):

Miss G. Anderson	93.00
F. Baker	58.75
Miss M. A. Brett	57.00
R. P. Brown	106.50
Mrs. W. G. Campbell	28.50
A. Clarke	12.50
Miss M. Findlay	30.00
R. Fortescue	29.00
Miss R. Haldenby	25.00
Miss M. Hargreaves	76.50
Miss E. A. Holden	49.50
A. Keel	164.90
Miss V. W. McClennan	16.50
J. McCormick	152.50
A. J. Maycock	21.75
Mrs. J. Mudge	12.00
W. A. Munro	106.50
Mrs. H. G. Petersen	123.00
W. J. Scott	210.95
Miss V. M. Sheldon	12.00
R. Teeter	26.00
G. Town	23.25
W. VanArk	135.00
W. V. Walker	70.00
Sundry persons	38.75

APPORTIONMENT OF THE FOREGOING

	Instructors	Class Assistants	Readers	Attendants	Travelling Expenses	Totals
Summer Session	$8,645.00	$820.00	$150.00	$ 4.50		$ 9,619.50
Teachers' Course	7,630.00	115.00	75.00	367.40	$33.75	8,221.15
Correspondence Courses	2,716.00					2,716.00
Evening Classes	9,460.00	20.00		1,047.45		10,527.45
W. E. A. etc.	1,794.00			178.25	15.75	1,988.00
Short Courses	790.00			23.75	40.93	854.68
Aerial Navigation	8,997.50			6.00		9,003.50
Occupational Therapy	5,110.00					5,110.00
Physiotherapy	6,380.00					6,380.00
Business Course	955.00			52.00	39.61	1,046.61

Remuneration to Instructors, Class Assistants, Attendants, etc., as detailed above	$ 55,466.89

Sundry expenses ($2,873.83):

Evening Classes:

Ryerson Press, projector rental	4.00
Toronto Conservatory of Music, piano rental	100.00
Superintendent's Dept., labour	19.20

Short Courses:

Provincial Treasurer of Ontario, copies of manual of accounting	109.15
Stenotype Reporting Bureau, reporting lectures	68.40
Wycliffe College, use of hall	10.00
Superintendent's Dept., labour	7.00

Aerial Navigation:	
A & A Radio Service Supply, oscillator, voltmeters	86.65
Canadian Tire Corp., radio parts	84.55
Radio Trade Supply, meters	21.00
Robt. Simpson Co., unrepaired radios	21.55
Accounts under $10 (2)	14.94
Sundry disbursements by department	12.69
Superintendent's Dept., freight, $13.59; labour, $240.77; material, $127.33	381.69
Occupational Therapy:	
Ontario College of Art, plastic arts, metal work	300.00
K. R. Cooper, looms	35.65
J. F. Hartz Co., bandages, etc.	10.43
Elsie Lynch, charts	15.00
John A. Madsen Mfg. Co., bed looms	13.70
Moyer School Supply, plasticine	.90
Singer Sewing Machine Co., used machine	10.00
Superintendent's Dept., labour, $30.53; material, $39.29	69.82
Physiotherapy:	
Curl Bros., Textiles, material	35.19
T. Eaton Co., Ltd., furniture, curtains, etc.	330.47
Grand & Toy Ltd., table, chairs, hall tree	41.25
The Hospital for Sick Children, use of pool	45.00
Robt. Simpson Co., Ltd., linen, clock	30.88
Accounts under $10 (4)	21.00
Superintendent's Dept., labour, $40.30; material, $79.76	120.06
Workers' Educational Association:	
Unused balance, including $50.00 instructor's salary returned by C. R. Philp	62.00
Business Courses:	
Key Advertising Service, addressing, mailing	6.36
Saturday Night Press, multigraphing, mailing	18.17
Stenoptye Service, reporting addresses	33.80
University Press, printing, placards	733.33
Canadian Association for Adult Education, for developing courses in farming communities	1,000.00
Community Life Training Institute, for rural tutorial classes	500.00
Social Functions for Courses and Classes ($327.45):	
Hart House, receptions	225.00
University Women's Club, dinners	72.45
Wymilwood Women Students' Union, reception	30.00
Books for loan to Extension students ($96.56):	
Ryerson Press	13.50
Accounts under $10 (18)	83.06
Office Expenses ($2,655.70):	
D. Gestetner (Canada) Ltd., ink, stencils, paper	888.89
Office Specialty Mfg. Co., sections for book case	29.75
Postage	660.00
Robbins and Townsend, typewriter maintenance	56.20
University Press, printing, stationery	923.78
Accounts under $10 (4)	23.98
Sundry disbursements by Director:	
Telegrams and telephones, $26.59; sundries, $7.37	33.96
Superintendent's Dept., freight, $2.01; labour, $12.10; material, $25.03	39.14
Extra Clerical Assistance ($968.03):	
Miss M. A. Brett, 11 weeks	176.00
Miss E. Holden, 290½ hours	116.20
Miss E. Meader, 2 days	6.00
Mrs. M. J. J. Mudge, 2 weeks	54.00
Mrs. H. G. Petersen, 12 weeks, 2 days	302.00
Lionel Rule, 5 1/6 weeks	51.66
Miss Verna Sheldon, 9 days	27.00
Norman Spencer, 2 days	6.00
Ellis Wiley, 18 1/3 weeks	229.17

(b) Publicity:			
Advertising and Announcements ($1,261.12):			
Canadian Association of Occupational Therapy		50.00	
Canadian Engineer		40.00	
Canadian Physiotherapy Association		25.00	
Canadian Press Clipping Service		40.00	
Canadian Public Health Association		11.25	
Canadian Review Co.		50.00	
Canadian Society of Forest Engineers		50.00	
Commercial Aviation		27.00	
Copp Clark Co.		30.00	
Dufferin School Old Boys' Association		15.00	
Educational Courier		14.00	
Engineering Institute of Canada		30.00	
Evening Telegram		172.15	
Globe and Mail Ltd.		210.45	
Hamilton Normal School		10.00	
Labour Leader		25.00	
Ontario Curling Association		25.00	
Ontario Educational Association		20.00	
Ottawa Normal School		12.00	
Religious Educational Council of Canada		16.00	
The School, Ontario College of Education		15.00	
Toronto Daily Star		174.90	
Toronto Normal School		20.00	
University of Toronto Monthly		60.00	
Accounts under $10		118.37	
Issue of Monthly Bulletins, Exhibits and other forms of Publicity ($2,707.14):			
Canadian Picture Frame Co., charts, signs, etc.		40.50	
International Press Ltd., compiling material for "Who's Who in Canada"		196.00	
Photographic Service, prints		32.00	
Postage		545.00	
University Press, printing, stationery		1,877.74	
Accounts under $10 (4)		15.50	
Travelling expenses of organizers and speakers:			
W. J. Dunlop		109.70	
		$ 67,966.42	
Less Credits:			
Sale of Bulletins	$ 1,728.18		
Sale of Books	150.00		
Cheque of C. R. Philp returned	50.00		
Returns re Course in Real Estate for year 1938-39	30.85		
Charge to T. F. Dominion Government Grant Aerial Navigation	10,000.00		
		$ 11,959.03	
			$ 56,007.39
			$ 73,203.23

XVIII. MEN'S RESIDENCES.

126. Maintenance of Buildings.

(a) University (North, East and South House):	
Heat and light	$ 3,519.50
Fuel:	
Central Coal Co.	62.40
Water	193.66
Caretaker's Supplies ($600.83):	
Bernard Cairns, stamp pad	.35
T. Eaton Co., bed glides	43.50
Superintendent's Dept., freight, .50; material, $556.48	556.98
Cleaning and House Service ($7,075.62):	
Allen Mfg. Co., laundry	410.18
Superintendent's Dept., labour	6,665.44

Repairs and Renewals ($3,279.18):			
Wm. Bartlett & Sons, shades		21.96	
T. Eaton Co., bed springs		56.80	
Huntington Laboratories, seal-o-sac		92.22	
John Lindsay Co., mastic repairs on stairs		55.96	
Robt. Simpson Co., spring mattresses, chairs, covers		515.05	
John Smith, repairing cushions		7.50	
Superintendent's Dept., labour, $2,001.18, material, $528.51		2,529.69	
Caretaker, H. Brown, 12 mos.		1,350.00	
		$ 16,081.19	
Less heat and light charged to Central Power Plant	$ 3,519.50		
Credit for Repairs and Renewals	213.53		
Credit for Caretaker's supplies	12.38		
		$ 3,745.41	
			$ 12,335.78
(b) University College (No. 73 St. George Street):			
Light		$ 159.63	
Fuel ($767.61):			
Central Coal Co.		125.99	
Conger Lehigh Coal Co.		641.62	
Gas, $9.78; water, $75.25		85.03	
Caretaker's supplies:			
Superintendent's Dept., material		98.29	
Cleaning and Furnacemen ($2,130.26):			
Allen Mfg. Co., laundry		94.64	
Superintendent's Dept., labour		2,035.62	
Repairs and Renewals ($606.53):			
W. E. Routery, plastering repairs		32.15	
Robt. Simpson Co., supplying and laying linoleum		54.92	
John Smith, repairing chairs		1.50	
Superintendent's Dept., labour, $313.09; material, $204.87		517.96	
		$ 3,847.35	
Less light charged to Central Power Plant	$ 159.63		
Credits: repairs and renewals	16.88		
		$ 176.51	
			$ 3,670.84
			$ 16,006.62

XIX. WOMEN'S RESIDENCES AND UNION.

127. Maintenance of Buildings.

Whitney Hall:	
Heat and light	$ 4,383.02
Fuel ($114.80):	
Central Coal Co.	93.10
Elias Rogers Co.	21.70
Gas, $455.19; water, $551.55	1,006.74
Repairs and Renewals ($2,283.03):	
Allen Mfg. Co., laundry	22.60
Wm. Bartlett & Son, shades	18.68
E. R. Eaton, Belco velvet seals	11.00
Kelvinator of Canada Ltd., neutralizer, repairs	22.50
Perrin-Turner Ltd., repairs, compressor	82.50
W. E. Routery, plastering repairs	15.70
Supreme Boiler and Engineering Co., repairs to incinerator	16.02
Accounts under $10 (2)	9.50
Superintendent's Dept., labour, $1,547.66; material, $536.87	2,084.53

Furnace and boiler man:			
Superintendent's Dept., labour		348.73	
		$ 8,136.32	
Less heat and light charged to Central Power Plant	$ 4,383.02		
Credit from sale of furniture	2.80		
		$ 4,385.82	
			$ 3,750.00
92 & 94 St. George Street:			
Fuel ($673.18):			
Central Coal Co.		$ 136.92	
Conger Lehigh Coal Co.		524.28	
Elias Rogers Co. Ltd.		10.85	
Superintendent's Dept., labour		1.13	
Gas, $21.52; electric current, $127.49; water, $66.20		215.21	
Repairs and Renewals ($1,233.62):			
Wm. Bartlett & Son, shades		5.52	
W. E. Routery, plastering repairs		15.60	
Superintendent's Dept., labour, $940.73; material, $271.77		1,212.50	
Furnace and boiler man:			
Superintendent's Dept., labour		116.03	
			$ 2,238.04
49 St. George Street:			
Fuel ($376.58):			
Central Coal Co.		$ 94.59	
Conger Lehigh Coal Co.		247.69	
Elias Rogers Coal Co.		32.55	
Superintendent's Dept., labour		1.75	
Gas, $22.92; electric current, $126.86; water, $34.89		184.67	
Repairs and Renewals ($273.77):			
Wm. Bartlett & Son, shades		3.15	
Superintendent's Dept., labour, $239.73; material, $30.89		270.62	
Furnace and boiler man:			
Superintendent's Dept., labour		98.10	
			$ 933.12
University College Women's Union:			
Heat and light		$ 1,133.60	
Fuel, Elias Rogers Co.		21.70	
Gas, $96.60; water, $47.17		143.77	
Repairs and Renewals ($1,194.38):			
Wm. Bartlett & Son, shades		14.22	
Minneapolis Honeywell Co., service		6.47	
W. E. Routery, plastering repairs		27.20	
Superintendent's Dept., labour, $940.11; material, $206.38		1,146.49	
Caretaker, Leo Cole, 12 mos.		1,400.00	
Less heat and light charged to Central Power Plant		1,133.60	
		3,893.45	
			$ 2,759.85
			$ 9,681.51

128. Housekeeping Account

(a) Combined General Charges:		
Provisions ($23,884.25):		
Acme Farmer's Dairy, milk	$ 2,223.80	
B. Amodeo & Son, fruit and vegetables	2,869.74	
Arcade Florist, flowers	59.40	
James Bamford, fruit and vegetables	77.51	
Barker-Bredin Bakeries, bread, cakes	172.40	
Belle Ewart Ice & Fuel Co., ice	40.20	
J. Blood, fruit and vegetables	38.37	
Bowes Ltd., flour, canned fruits, etc.	676.61	
Canada Bread, bread, cakes	260.35	
Canada Dry Ginger Ale, soft drinks	108.17	
Canada Packers Ltd., meat	2,566.59	
Chateau Distributing Co., cheese	46.08	

Christie Brown & Co., biscuits	98.29
City Dairy, milk, ice cream	551.92
Geo. Coles Ltd., rolls, pastry, etc.	51.85
T. Eaton Co., cookies, cakes, biscuits, etc.	16.91
Everist Bros., Ltd., fruit and vegetables	299.80
Miss M. B. Ferguson, sundry disbursements	34.94
K. C. Freeman, maple syrup	27.00
Frosty Shop, ice cream	16.29
Haeberlin's Swiss Bakery, cakes	29.96
Miss F. C. Hahn, honey	45.00
Samuel Harris, meat	1,060.75
H. J. Heinz Co., canned goods	141.14
Harry Horne & Co., jelly powders, etc.	98.80
J. G. Hume, hampers	10.00
Hunt's Ltd., cakes	13.62
F. T. James Co., Ltd., fish	168.95
Lines Ltd., poultry	530.60
Loblaw Groceterias, provisions	101.77
James Lumbers Co., tea	325.00
Maciver Co., pork	797.58
Marshalls Co., Ltd., butter, eggs	1,926.08
McCormick's Ltd., biscuits	260.86
D. McIntyre Co., fish	102.31
National Grocers, canned goods, provisions	3,678.24
Wm. Neilson Ltd., ice cream	696.95
Ontario Honey Producers, honey	10.50
Parisian Bakery, bread	15.28
Porter & Black, eggs	319.92
Pure Gold Mfg. Co., coffee, provisions	426.58
Purity Bread Co., bread, rolls	80.00
Red Wing Orchards, apples, apple juice	87.40
Sani Sealed Dairies, milk	286.20
E. D. Smith & Sons Ltd., jams, jellies	147.52
M. J. Sweet, vegetables	60.25
J. M. Schneider Ltd., meat	451.19
Watson Food Products, potato flakes	67.20
F. Wells & Son, butter, eggs, poultry	288.07
Geo. Weston Ltd., biscuits, bread	119.89
Geo. Weston Bread & Cake Co., rolls	124.10
Wonder Bakeries, bread	484.64
York Trading Ltd., canned goods, provisions	667.97
Accounts under $10 (6)	23.71
Cleaning and House Service ($8,256.64):	
A .Austin, repairs and parts for potato peeler	25.00
T. Eaton Co., kitchen supplies, cutlery, etc.	69.57
A. Guinness & Co., paper napkins, doilies, etc.	93.34
Dr. H. G. Hall, medical examination of maids	22.00
Robt. Simpson Co., sheeting, aprons	31.86
Stewart-LeGrice Ltd., candles	14.76
Wrought Iron Range Co., kitchen equipment	20.05
Pay list, wages of maids, etc.	7,910.60
Accounts under $10 (2)	5.00
Sundry disbursements by Miss Ferguson	26.65
Superintendent's Dept., labour, $21.94; material, $15.87	37.81
Furnishings and Sundry Renewals ($1,202.15):	
Canadian Wm. A. Rogers, silverware, repairs	79.88
Cassidy's Ltd., dishes	437.31
T. Eaton Co., Ltd., table linen	458.71
Hospital & Kitchen Equipment Co., inserts for steam table	52.97
Parsons-Steiner Ltd., cups and saucers	64.80
Robt. Simpson, towelling	42.76
Wrough Iron Range Co., utensils	29.99
Sundry disbursements by department	2.50
Superintendent's Dept., labour, $3.15;; material, $30.13	33.28
Office Supplies, Infirmary Service, etc ($213.82):	
T. Eaton Co., stationery, bandages, etc.	27.44
W. S. Johnston & Co., printing lunch tickets	27.00

University Press, printing, stationery			94.73	
Accounts under $10 (3)			7.68	
Sundry disbursements by department: Postage, $33.01; drugs, $17.39; sundries, $6.57			56.97	
Staff Salaries (additional to Dean of Women charged under University College General):				
Dietitians (with living valued at $400 each):				
Miss J. Barber, 12 mos.		$1,700.00		
Miss V. R. Murphy, 10 mos.		1,100.00		
Summer Assistant:				
Miss M. L. Russell, 9 weeks		72.00		
Miss P. West, 3½ mos.		350.00		
Secretary Hostess, Mrs. L. R. Howard, 12 mos. (with living valued at $400)		1,000.00		
Nurse Housemaid, Miss J. Lindsay, 12 mos. (with living valued at $400)		1,100.00		
		$5,322.00		
charged as follows:				
Combined General Charges	$4,322.00			
Women's Union	400.00			
Whitney Hall	600.00		5,322.00	
			37,878.86	
Less credits: napkin rings, keys, etc			185.95	
				$ 37,692.91
(b) University College Women's Union:				
Cleaning and House Service ($1,633.33):				
Langley's Limited, furniture cleaning			82.05	
Parisian Laundry Co., laundry			229.34	
Persian Arts & Crafts, rug cleaning			31.45	
Accounts under $10 (7)			34.85	
Sundry disbursements by department			22.00	
,Pay lists, wages of maids, etc.			963.48	
Superintendent's Dept., labour, $66.91; material, $203.26			270.17	
Furnishings and sundry renewals ($588.21):				
Brown's Upholstery, furniture repairs			186.80	
T. Eaton Co., Ltd., rugs, upholstering, etc.			322.82	
Roberts & Son, awning frame			3.00	
Robert Simpson Co., curtains			47.79	
Superintendent's Dept., material			27.80	
Piano, magazines, etc. ($72.78):				
T. Eaton Co., Ltd., magazine subscriptions			30.74	
Heintzman Co., piano tuning, polishing, etc.			27.00	
Receiver General, radio license			2.50	
Sundry disbursements by department: papers, magazines			12.54	
Share of salaries detailed under Combined General Charges..			400.00	
				$ 2,694.32
(c) Whitney Hall:				
Cleaning and House Service ($7,687.87):				
T. Eaton Co., Ltd., cleaning supplies, marking ink, etc..			25.55	
Langley's Ltd., furniture and rug cleaning			259.50	
Parisian Laundry Co., laundry			1,030.70	
White Window Cleaning Co.			30.00	
Accounts under $10 (2)			3.63	
Pay list, wages of maids, etc.			5,101.66	
Superintendent's Dept., labour, $464.13; material, $772.70			1,236.83	
Furnishings and sundry renewals ($1,425.72):				
Brown's Upholstery, furniture repairs			344.58	
T. Eaton Co., rugs, linen, material, etc.			422.84	
Anthony Foster & Sons, sateen			26.13	
Robt. Simpson Co., Ltd., curtains, sheets, etc.			528.03	
Singer Sewing Machine Co., portable electric machine ($45.82 less $10 allowance on old machine)			35.82	
Superintendent's Dept., labour, $65.55; material, $2.77....			68.32	

Piano, magazines, etc ($34.25):		
Heintzman & Co., tuning	22.50	
Accounts under $10 (2)	11.75	
Share of salaries, detailed under combined General Charges	600.00	
		$ 9,747.84
(d) 92 and 94 St. George Street:		
Cleaning and House Service ($1,618.79):		
Allen Mfg. Co., laundry	110.16	
T. Eaton Co., kitchen utensils, mops, etc.	12.75	
Langley's Ltd., cleaning slip covers	26.50	
Persian Arts and Crafts, cleaning Oriental rugs	19.92	
Accounts under $10 (4)	17.80	
Pay lists, wages of maids, etc.	1,316.27	
Superintendent's Dept., labour, $6.35; material, $109.04	115.39	
Furnishings and Sundry Renewals ($407.35):		
Brown's Upholstery, furniture repairs	99.01	
Dustbane Products Ltd., electric Polisher	153.00	
T. Eaton Co., pillows, ticking	10.48	
Robt. Simpson Co., chairs	85.50	
Superintendent's Dept., material	59.36	
Piano, etc.:		
Accounts under $10 (2)	10.00	
Meals for Resident Head	160.00	
		$ 2,196.14
(e) 49 St. George Street:		
Cleaning and House Service ($802.19):		
Allen Mfg. Co., laundry	63.02	
T. Eaton Co., cleaning supplies	17.83	
Persian Arts & Crafts, cleaning rugs	15.39	
Accounts under $10 (3)	13.63	
Pay lists, maids' wages, etc.	644.22	
Superintendent's Dept., labour, $10.99; material, $37.11	48.10	
Furnishings and sundry renewals ($195.75):		
Anthony Foster & Sons, sateen	13.40	
Brown's Upholstery, furniture repairs	141.90	
T. Eaton Co., lamp	13.36	
Parsons, Steiner Ltd., cups and saucers	5.55	
Robt. Simpson Co., curtains, rods, fittings, etc.	12.07	
Superintendent's Dept., material	9.47	
Pianos:		
Accounts under $10 (3)	13.15	
		$ 1,011.09
		$ 53,342.30
		$ 63,023.81

XX. 129. CENTRAL POWER PLANT.

Fuel ($82,776.18):	
Canada Coal Co.	$ 12,962.51
Imperial Oil Ltd.	47.50
Milnes Coal Co.	69,697.85
Paramount Petroleum Co.	57.00
Superintendent's Dept., labour, $8.88; material, $2.44	11.32
Hydro-Electric, current, $28,322.32; water, $549.68	28,872.00
Repairs and renewals, engineers supplies and miscellaneous items ($12,580.88):	
Aikenhead Hardware, Ltd., hardware	14.61
D. V. Anderson Co., steam trap	13.37
Babcock-Wilcox & Goldie McCulloch, furnace parts	140.50
Beldams Asbestos Packing Ltd., asbestos, rope, etc.	108.90
Bepco Canada Ltd., resistor	15.00
Canadian Allis-Chalmers, springs	22.29
Canadian Charts and Supplies, charts	39.58
Canadian Gasket Co., gaskets	31.26
Canadian General Electric Co., repairs and inspections	434.30
Canadian Inspection and Testing Co., analysis of coal	60.00
Canadian National Carbon Co., brushes	28.91

Canadian Westinghouse Co., repairs		12.70	
Darling Bros., filter cloths		24.30	
Dearborn Chemical Co., treatments		548.72	
Dominion Wheel Foundries Ltd., grate bars		794.88	
Fitzgerald-McAvoy Wire Goods, guards		126.42	
Foster & Wheeler Ltd., grates		243.70	
Garlock Packing Co., spools, coils, etc.		110.45	
Grant Contracting Co., concrete		130.00	
Gutta Percha and Rubber, washers		12.77	
Lumb & Scotland, painting		52.00	
Lundy Fence Co., fence posts, etc.		337.51	
McColl-Frontenac Oil Co., oil		392.17	
Robinson Clay Products, straights		42.50	
G. F. Sterne & Sons, cement		62.41	
Supreme Boiler and Engineering Co., boiler		10.13	
Toronto Hydro-Electric System, repairs		37.68	
University Press, printing and stationery		25.44	
Accounts under $10 (7)		38.33	
Advertising for coal tenders		36.75	
Superintendent's Dept., freight, $7.05; labour, $6,951.95; material, $1,674.30		8,633.30	
Engineers, assistant engineers, firemen and trimmers ($10,040.00)			
Chief Engineer, C. S. Moseley, 12 mos.		2,900.00	
Assistant engineers (each 12 mos.):			
L. McMaster		1,860.00	
W. M. Smith		1,860.00	
A. E. McHugh		1,740.00	
S. Simpson		1,680.00	
Firemen at $110.00 to $120.00 per mo.:			
Sundry persons		4,810.11	
Trimmers, boiler cleaners and pump attendants at $90.00 to $120.00 per mo.:			
Sundry persons		7,320.35	
Special Guards ($2,304.00):			
J. J. O'Connor, 215 days		688.00	
A. J. H. Taylor, 207 days		662.40	
W. B. Donaldson, 192 days		614.40	
W. A. Yetman, 92 days		294.40	
H. Lofts, 14 days		44.80	
		148,703.52	
Less sale of cinders	574.08		
Charged to Protective Service	2,304.00	2,878.08	
			$145,825.44

XXI. MISCELLANEOUS AND GENERAL.

130. Central Stores.

Storekeeper, C. A. Johnston, 12 mos.	$ 2,000.00	
Assistant storekeeper, S. Tipping, 12 mos.	1,200.00	
Clerk, Miss J. Taylor, 12 mos.	1,100.00	
Heat and light	408.64	
	4,708.64	
Less heat and light charged to Central Power Plant	408.64	
		$ 4,300.00

131. Grounds.

Foreman Gardener, R. R. Corbett, 12 mos.	$ 1,900.00
Lighting account	346.37
Labour, gravel, roadways, granolithic walks, flowers, shrubs, and general expenses ($17,647.61): ..	
Aikenhead Hardware, Ltd., hardware	21.81
Barber Construction Co., spraying driveway	31.00
Canadian Industries Ltd., gardenite	163.20
Central Coal Co., coal	21.32
City Treasurer, water main repairs	138.12
Credit Valley Associated Quarrie, rubber	13.50

A. D. Gorrie & Co., truck, $1,146.50, less allowance on old truck, $425.00		721.50	
Grose Fertilizers & Chemical Ltd., fertilizer		92.00	
J. Hampson, sand		37.50	
F. Hogg Nursery Co., bulbs		89.04	
Johnston Haulage Co., haulage		18.00	
Lumb & Scotland, flagpole repaired		18.00	
McBain Foundry, grates		50.28	
B. W. Miller, plants		226.06	
Provincial Treasurer, truck license		48.50	
Hugh Reid, horse shoeing		36.65	
Rennie's Seeds, fertilizer		25.00	
Riseborough & Jackson, feed		103.16	
Salem's Garage, truck repairs		75.03	
W. G. Stephenson, grading and surfacing		934.01	
G. F. Stinson, lumber		19.80	
W. P. Warner, sod		133.50	
Accounts under $10 (7)		25.42	
Superintendent's Dept., labour, $13,071.06; material, $1,534.15		14,605.21	
78 Queen's Park ($604.11):			
Water, $27.18; electric current, $12.20		39.38	
Conger Lehigh Coal Co., fuel		26.95	
Accounts under $10 (2)		6.05	
Superintendent's Dept., labour, $445.42; material, $86.31		531.73	
		20,498.09	
Less light charged to Central Power Plant	346.37		
Cartage credits	196.50		
Sale of material	105.00	647.87	
			$ 19,850.22

132. Protective Service.

Pay of constables and nightwatchmen ($15,963.09):		
Constables:		
R. D. D'Arcy, 12 mos.	$ 1,950.00	
C. M. Sruby, 12 mos.	1,400.00	
C. A. Bradbrook, 4 mos., 13 days	399.00	
Nightwatchmen:		
W. A. Evans, 12 mos.	1,320.00	
J. Kirkwood, 12 mos.	1,320.00	
W. Lotto, 12 mos.	1,320.00	
W. Hunter, 12 mos.	1,260.00	
J. C. Smith, 12 mos.	1,260.00	
A. Smith, 11 mos., 18 days	1,276.93	
W. Gordon, 11 mos., 12 days	1,043.16	
A. Endersby, 342 nights	1,026.00	
H. McGee, 247 nights	783.00	
J. Anderson, 181 nights	543.00	
T. L. Kirk, 179 nights	537.00	
J. J. O'Connor, 105 nights	315.00	
F. Singleton, 70 nights	210.00	
Special Guards re Central Power Plant ($2,304.00):		
J. J. O'Connor, 215 days	688.00	
A. J. H. Taylor, 207 days	662.40	
W. B. Donaldson, 192 days	614.40	
W. A. Yetman, 92 days	294.40	
H. Lofts, 14 days	44.80	
Uniforms, clocks, dials, etc. ($344.83):		
Aikenhead Hardware, Ltd., handcuffs and billy	19.11	
Hardinge Bros., clock repairs, dials, etc.	95.55	
Muir Cap & Regalia Ltd., caps	12.00	
Tip Top Tailors Ltd., uniforms	130.35	
Tower Canadian Ltd., raincoat	6.75	
University Press, printing and stationery	38.57	
Superintendent's Dept., labour, $18.37; material, $24.13	42.50	
		$ 18,611.92

133. Telephones.

Bell Telephone Co., service to June 30		$ 12,665.78	
Less receipts from sub-services	3,249.19		
residences	759.00		
slot machines	148.91	4,157.10	
Switchboard operators ($4,489.60):		8,508.68	
Mrs. J. Hoddinott, 12 mos.		1,056.00	
Miss E. M. Crawford, 12 mos.		960.00	
Miss J. H. Brown, 12 mos.		912.00	
Miss M. D. Maher, 12 mos.		912.00	
Relief:			
Miss H. Gardiner		234.10	
Miss M. Burgess		219.75	
Miss M. Best		120.20	
Mrs. L. Kerr		36.60	
Miss L. McDonald		24.75	
Miss L. Jarvis		14.20	
			$ 12,998.28

134. Insurance.

Major premiums—three years:	
General Schedule:	
British America Assurance Co.	$ 3,888.45
British Traders' Insurance Co.	3,250.00
Norwich Union Fire Insurance Society	2,753.40
Sun Insurance Office	2,600.00
Travellers' Fire Insurance Co.	2,437.50
Insurance Company of North America	2,101.50
London & Lancashire Insurance Co.	2,055.05
Dominion of Canada General Insurance Co.	1,748.70
British Northwestern Fire Insurance Co.	1,737.20
Scottish Union & National Insurance Co.	1,685.10
Western Assurance Co.	1,555.00
Federal Fire Insurance Co.	1,322.55
Wellington Fire Insurance Co.	1,322.55
Phoenix Assurance Company of London	1,311.55
Aetna Insurance Company	1,300.00
Atlas Assurance Co.	1,300.00
General Accident, Fire & Life Assurance Corporation	1,300.00
Hartford Fire Insurance Co.	1,300.00
Queen City Fire Insurance Co.	1,300.00
Quebec Fire Assurance Co.	1,238.70
Phoenix of Hartford Insurance Co.	1,165.80
Commercial Union Assurance Co.	1,092.95
Law, Union & Rock Insurance Co.	1,092.95
Yorkshire Insurance Co.	1,092.95
Alliance Assurance Co.	1,087.20
Liverpool & London & Globe Insurance Co.	1,087.20
Essex & Suffolk Equitable Insurance Society	983.65
New York Underwriters' Insurance Co.	983.65
Employers' Liability Assurance Corporation	980.25
Dominion Fire Insurance Co.	961.10
British Canadian Underwriters' Agency	801.50
United British Insurance Co.	801.50
Royal Exchange Assurance Company of London	692.20
Caledonian Insurance Company of Scotland	650.00
Continental Insurance Co.	650.00
Guardian Assurance Company of London	650.00
Home Insurance Co.	650.00
London Assurance Corporation	650.00
Northern Assurance Co.	650.00
Queen Insurance Co.	650.00
Royal Insurance Co.	650.00
British Crown Assurance Corporation	582.90
New Hampshire Fire Insurance Co.	582.90
Scottish Canadian Assurance Corporation	582.90
Union Assurance Society of London	582.90
Railway Passengers' Assurance Co.	487.50
British General Insurance Co.	437.20
Legal & General Assurance Society	437.20

Ocean Accident & Guarantee Corporation		437.20	
Perth Mutual Fire Insurance Co.		437.20	
Pioneer Insurance Co.		437.20	
Canada Security Assurance Co.		364.30	
North British & Mercantile Insurance Co.		325.00	
British Empire Assurance Co.		255.00	
Canadian General Insurance Co.		255.00	
Canadian Surety Co.		255.00	
Globe Indemnity Company of Canada		255.00	
Prudential Assurance Co.		255.00	
Southern Insurance Co.		255.00	
London-Canada Insurance Co.		182.15	
Patriotic Assurance Co.		153.40	
London Guarantee & Accident Co.		115.05	
Newark Fire Insurance Co.		23.00	
		63,228.15	
Less reduction in rate from 32½c to 30c, retroactive to April 1		4,463.53	
			$ 58,764.62
Other three-year policies:			
Commercial Union Assurance Co. (Connaught Laboratories)		4,305.00	
Boiler Inspection and Insurance Co.		3,142.87	
London Guarantee and Accident Co. (bonding of employees)		860.41	
Railway Passengers' Assurance Co. (Dunlap Observatory)		280.00	
North British & Mercantile Insurance Co. (Dunlap Observatory)		280.00	
Casualty Company of Canada (glass breakage—Botanical greenhouses)		50.00	
Dominion of Canada General Insurance Co. (safe burglary)		27.50	
			$ 8,945.78
			67,710.40
One-third of above amount charged to Revenue, 1939-40 (balance carried forward)			22,570.13
Miscellaneous policies:			
Fire:			
London & Lancashire Insurance Co. (78 Queen's Park)	337.50		
Less rebate upon cancellation	280.48	57.02	
Home Insurance Co. (Botanical Field Laboratory)		25.00	
Automobiles:			
Dominion of Canada General Insurance Co., University-owned cars, $186.42; non-ownership coverage, $160		346.42	
Hydro-Electric Power Commission, permit and inspection fee		50.00	
Canadian Bank of Commerce: One year's charges for guartee re safe-keeping of securities		150.00	
Accounts under $25 (6)		45.99	
			$ 674.43
			$ 23,244.56
Less rebates on cancelled policies: General Schedule, $566.92; other policies, $19.94			586.86
			$ 22,657.70

135. Law Costs.

Hamilton Cassels, K.C., taxed costs as Solicitor to the University	1,563.68	
I. F. Hellmuth, K.C., Special Counsel fee	150.00	
		$ 1,713.68

136. Taxes.

City Treasurer, third annual payment, in lieu of taxes on the following properties: Scott and Front Streets, 188 Yonge Street, Adelaide Street, 151 Bloor Street West	$ 7,500.00

137. Auditor's Fees.

Clarkson, Gordon, Dilworth & Nash, annual remuneration	$ 3,000.00

138. Travelling Expenses.

President and Academic Staff ($1,431.66):		
President H. J. Cody	$ 86.00	
J. Alford (expenses of students)	80.00	
E. A. Allcut	40.00	
R. W. Angus	40.00	
E. Arthur	25.00	
F. E. Beamish	10.00	
L. G. Berry	40.00	
W. Boyd	30.64	
R. Brauer	40.00	
G. G. Cosens	40.00	
H. S. M. Coxeter	40.00	
A. B. Fennell	34.35	
Miss N. Ford	35.00	
F. E. J. Fry	10.00	
R. J. Godfrey	25.00	
T. A. Goudge	25.00	
F. P. Ide	15.00	
S. Jaffary	101.33	
L. F. Kreuger	25.00	
R. R. Langford	10.00	
T. F. McIlwraith	40.00	
N. A. M. MacKenzie	40.00	
A. D. Mason	25.00	
T. J. Meek	34.53	
P. M. Millman	40.00	
J. R. F. Mills	60.00	
E. S. Moore	40.00	
P. Nash	40.00	
M. A. Peacock	40.00	
L. S. Russell	40.00	
E. S. Ryerson	134.81	
G. W. Spinks	25.00	
W. M. Sprules	10.00	
J. L. Synge	30.00	
G. F. Wright	40.00	
R. K. Young	40.00	
Out-of-town Members of the Senate ($694.90):		
A. E. K. Bunnell	66.80	
Judge J. S. C. Campbell	66.00	
Judge D. J. Cowan	59.10	
W. J. Deadman	12.35	
J. H. Hardy	110.50	
Dr. C. D. McGilvray	24.55	
Dr. H. M. Morrow	12.30	
T. M. Mulligan	28.45	
J. P. S. Nethercote	28.00	
W. J. W. Reid	5.25	
J. B. Reynolds	31.80	
H. S. Robertson	48.40	
W. J. Salter	83.65	
L. F. Stephens	21.75	
A. R. Walker	96.00	
		$ 2,126.56

139. Receptions to Societies and University Visitors.

Expenses re sundry public lectures ($334.31):		
Prof. M. J. Bonn	$ 83.53	
Dr. J. W. Bready	50.00	
Prof. J. B. Brebner	75.00	
Prof. H. Ries	55.78	
Prof. H. E. Ynetma	70.00	
Catering on sundry occasions ($283.05):		
Hart House, teas and luncheons, $161.75; sundry guests, $40.30	202.05	
Royal Ontario Museum Tea Room, reception for delegates attending Seminar on Indian Affairs	17.50	
University College Women's Union, President's dinner to Students' Administrative Council	38.75	
University Women's Club, luncheon, Adult Education Council	21.75	
H. Hill, caretaker's overtime services	3.00	
		$ 617.36

140. Convocation Expenses.

Hoods, gowns, printing programs, invitations, etc.:		
Harcourts Ltd., hoods	$ 57.50	
University Press, printing and stationery	222.00	
Accounts under $10 (2)	5.65	
		$ 285.15

141. Aid to Publications and Societies.

Alumni Federation	$ 2,500.00	
Royal Astronomical Society	150.00	
Royal Society of Canada	400.00	
Universities Bureau of the British Empire	281.46	
British School of Archaeology, Jerusalem	89.93	
American School at Athens	250.00	
American School of Oriental Research, Jerusalem	100.00	
American School of Oriental Research, Bagdad	100.00	
Association of American Universities	50.00	
Society for Promotion of Engineering Education	16.80	
Students' Administrative Council (re student lodgings)	100.00	
		$ 4,038.19

142. Senate Elections.
(Nothing spent.)

143. Bursaries.

Awards to sundry students:		
Faculty of Arts	$ 9,378.00	
Faculty of Medicine	4,350.00	
Faculty of Dentistry	200.00	
Graduate Studies	438.00	
		$ 14,366.00

144. Contingencies.

Canadian Bank of Commerce, charge re registration of securities	$ 28.10	
Chartered Trust and Executor Co., commission on collection of postponed fees of students	4.30	
City Treasurer, local improvement taxes on 78 Queen's Park, $92.62; 119 St. George Street, $13.80	106.42	
Geo. Coles Ltd., catering re Ontario Educational Association Convention	157.50	
Hart House, catering re Social Science Convention	56.25	
Dunlop's Ltd., flowers for funerals	120.50	
Manufacturers Life Insurance Co., interest on mortgage, No. 104 St. George Street	422.13	
Provincial Treasurer, portion of cost of printing University Report	141.35	
Prof. N. E. Sheppard, honorarium for services re quinquennial valuation of and report on Employees Pensions Fund	500.00	
Remembrance Day Committee, wreath for Tower Memorial Service	13.00	

Expenses incurred by the late Dr. Edith Gordon for equipment, supplies, and refunds of deposits, in connection with Women's Residences at Nos. 66 and 80 St. Mary Street opened by her and subsequently closed	280.99	
Accounts under $10 (2)	11.79	
Workmen's Compensation:		
Workmen's Compensation Board, to cover allowances paid to employees, etc.	649.62	
Medical services for injured employees, etc.:		
Toronto General Hospital	85.00	
Dr. J. A. MacFarlane	75.00	
Dr. H. D. Storms	76.50	
Dr. R. H. Thomas	97.00	
Sundry Doctors (7)	88.75	
		$ 2,914.20

144a. Cost per Student Survey.

D. G. Tyndall, statistician, 5 weeks	$ 125.00	
University Press, printing	61.24	
Amount to be accounted for in 1940-41	1,813.76	
		$ 2,000.00

145. Capital Account Charges.

Accountant, Supreme Court of Ontario, thirty-first annual payment on debenture issue of 1909	$25,260.00		
Less portion charged to Ontario College of Education	10,000.00		
		$ 15,260.00	
Accountant, Supreme Court of Ontario, twenty-fifth annual payment on debenture issue of 1915, re Hart House		5,975.00	
Accountant, Supreme Court of Ontario, sixteenth annual payment on debenture issue of 1924, re Forestry Building		10,000.00	
Toronto General Hospital, twenty-ninth annual payment on debenture issue of 1911, re grant to Toronto General Hospital		15,157.00	
Toronto General Hospital, twenty-ninth annual payment on debenture issue of 1911, re old Pathological Building		6,568.00	
University of Toronto (Rockefeller Endowment—Medicine), eleventh annual payment on debenture issue of 1929, re Banting Institute		64,193.00	
Royal College of Dental Surgeons, interest on liability of $50,000		2,500.00	
			$119,653.00

XXIII. SPECIAL RESEARCH.

146. Departmental Appropriations.

(a) Arts:	
Biology:	
Research Assistants:	
G. S. Swain, 11 mos.	$ 570.00
Miss A. M. Ironside, 8 mos.	600.00
C. J. Kerswill, 8 mos.	450.00
H. M. Rogers, 8 mos.	450.00
Miss G. Workman, 8 mos.	400.00
Miss D. W. Kirk, 8 mos. (see also Department)	100.00
A. M. Fallis, Michaelmas Term (see also Hygiene and Preventive Medicine)	100.00
W. B. Stallworthy, Easter Term	100.00
A. Welsh, Assistant in Vivarium, 9 weeks	72.00
Expenses $1,020.80):	
Adam Adamowich, boxes	25.00
Canadian Kodak Sales Ltd., chemicals	51.35
Central Scientific Co., glassware, etc.	19.57
Dr. K. C. Fisher, expenses incurred obtaining specimen	77.71
J. F. Hartz & Co., cover glasses, gloves, etc.	87.00
Ingram & Bell Co., syringe, mariometers	100.40
Kelley Feed & Seed Co., feed	125.80
Lake Simcoe Ice & Fuel Co., ice	15.00

R. Laidlaw Lumber Co., sawdust	18.00	
J. W. McArthur, animals	40.00	
Mallinckrodt Chemical Co., chemicals	14.57	
Maple Leaf Milling Co., feed	45.20	
Murphy's Drug Store, films	28.60	
Postage	11.00	
Arthur H. Thomas, apparatus, paper	67.79	
Western Electric Instrument Corp., matched cells	23.35	
Class Assistance:		
Sundry persons	50.00	
Accounts under $10 (17)	74.32	
Superintendent Dept., labour, $80.63; material, $65.51	146.14	
	3,862.80	
Less sundry credits	32.20	
	3,830.60	
Fisheries Research:		
Research Assistants:		
F. E. J. Fry, 12 mos. (see also Department)	1,250.00	
R. R. Langford, 12 mos. (see also Department)	1,250.00	
Expenses ($1,812.48):		
Bay Salvage Co., desk, chairs	68.00	
Borden Co. Ltd., powdered milk	20.58	
Walter Carveth Co., lens	31.00	
Empire Brass Mfg. Co., pump	77.62	
W. J. Harkness, disbursements: Car expense, gas, oil, etc., $400.04; provisions, $642.27; wood for fuel, $80.10; cook's wages, $215.25; hardware, roofing, etc., $165.64	1,503.30	
Instruments Ltd., charts	11.00	
Keenan Woodenware Mfg. Co., pails	10.07	
John Leckie Ltd., fishing rope	25.75	
Liquid Carbonic Canadian Corp., gas	20.00	
Accounts under $10 (5)	19.02	
Superintendent's Dept., labour, $8.01; material, $18.13	26.14	
		$ 8,143.08
Botany:		
Research Assistants (see also Department):		
B. B. Hillary	475.00	
D. H. Hamly, 9 mos.	400.00	
M. W. Bannon, 9 mos.	200.00	
N. W. Radforth, 9 mos.	100.00	
A. R. Gopal-ayengar, 4 mos.	175.00	
C. N. Haldenby, 4 mos.	150.00	
C. D. McKeen, 4 mos.	150.00	
L. T. Richardson, 4 mos.	150.00	
W. R. Watson, 3½ mos.	142.33	
Miss V. Facey, 3 mos.	120.00	
Expenses ($1,937.30):		
American Instrument Ltd., portable cooking unit	233.66	
American Type Culture Collections, thermoregulators, cultures	49.54	
British Drug Houses Ltd., chemicals	18.79	
Brown Bros., Ltd., paper, folders	95.26	
Canadian Liquid Air Co., gas	44.20	
Canadian Pad & Paper Co., cards, paper	98.41	
Central Scientific Co., glassware, apparatus, chemicals	223.53	
Consolidated Plate Glass Co., plate	13.14	
Du Pont Film Mfg. Corp. Inc., micropan	13.68	
Grand & Toy Ltd., envelopes, herbarium sheets	32.90	
Fred W. Halls Paper Co., paper	60.35	
J. F. Hartz Co., Ltd., cover glasses	22.50	
Hocker Edge Gardens, bulbs	45.72	
Ryerson Press, compensating eye pieces, tubes	89.10	
Sprague Troyer Biological Service, bulbs	10.00	

University Press, Cambridge, reprints		19.17	
University of Chicago Press, reprints		64.11	
A. A. Widdicombe & Son, tank thermostat		482.37	
Travelling expenses:			
P. Cain		28.10	
H. S. Jackson		38.80	
R. B. Thomson, and staff members		80.70	
University Press, printing		32.29	
Accounts under $10 (16)		78.93	
Superintendent's Dept., labour, $20.45; material, $41.60		62.05	
			$ 3,999.63
(b) Medicine:			
Bio-Chemistry:			
Research Assistants (see also Department):			
Miss E. A. Macpherson, 2 mos.		200.00	
Paul Hamilton, 2 mos.		200.00	
Experimental Medical Research:			
W. Cowan, chief technical assistant, 12 mos.		1,760.00	
Assistants in Animal Quarters, 12 mos.:			
C. Lee		780.00	
J. Minshull		720.00	
L. Hughes		660.00	
Expenses ($2,252.11):			
Allen Mfg. Co., laundry		118.08	
Canada Packers, dog feed		11.66	
Connaught Laboratories, heparin		10.61	
Corbett-Cowley Ltd., gowns, smocks		33.49	
E. Cullen, animals		1,014.73	
Down Bros., Ltd., forceps, clips		25.80	
Langley-Harris Co., dog cakes		70.00	
Randolph Hinch, syringes, Hypo.		40.77	
Ingram & Bell Ltd., medical supplies		354.39	
F. Jennings, sawdust		171.00	
S. Lightfoot Son, Ltd., vegetables		11.65	
J. McGillian, carrots		75.00	
Ross Miller Biscuit Co., dog biscuits		120.02	
Ralston Purina Co., Ltd., feed		296.63	
Toronto Elevators Ltd., feed		16.50	
Accounts under $10 (5)		19.00	
Superintendent's Dept., labour, $4.35; material, $138.43		142.78	
		6,452.11	
Less credit from sale of animals		952.11	
		5,500.00	
Charged to Dunlap Bequest	3,000.00		
Charged to Reeve Bequest	1,000.00		
		4,000.00	
			$ 1,500.00
(c) Applied Science:			
Applied Physics:			
Research Assistants (see also Department):			
V. L. Henderson, 5 mos.		725.00	
W. A. Mohun, 2 mos.		350.00	
D. H. Hamly, 1 mo.		175.00	
L. E. Jones, 1 mo.		175.00	
Expenses ($311.71):			
T. Eaton Co. Ltd., saw blades, files		56.74	
H. W. Steer, 4 weeks		120.00	
Stromberg-Carlson Telephone Co., loud speaker		50.00	
Wholesale Radio Co., Ltd., radio parts		68.90	
Accounts under $10 (4)		14.08	
Superintendent's Dept., material		1.99	
Architecture:			
Research Assistants:			
J. L. McFarland, 1 mo.		125.00	
J. F. Phillips		75.00	

Expenses ($41.24):		
E. R. Arthur, travelling expenses	19.79	
S. Barclay, drawings	18.00	
Photographic Service, enlargements	3.45	
Chemical Engineering:		
Research Assistants (see also Department):		
L. J. Rubin, 12 mos.	1,023.00	
A. S. Weatherburn, 4 mos.	400.00	
G. P. Beal, 3 mos.	450.00	
W. H. Bowman, 3 mos.	450.00	
W. C. Macdonald, 3 mos.	450.00	
B. Marks, 2 mos.	250.00	
M. Adelman, 2 mos.	125.00	
N. R. Fasken, 1 mo.	125.00	
Electrical Engineering:		
Research Assistants:		
R. G. Anthes, 2 mos. (see also Department)	230.00	
C. J. Bridgland, 2½ mos.	305.00	
Expenses ($84.23):		
Canadian General Electric Co., steel	12.50	
Cinandograph Corp., magnet assembly	63.81	
Accounts under $10 (2)	7.92	
Mechanical Engineering:		
Research Assistants (see also Department):		
W. A. Wallace, 3½ mos.	577.50	
I. W. Smith, 2 mos.	330.00	
R. J. Birss, 1 mo.	165.00	
Expenses ($208.88):		
Cansfield Electrical Works, pendulum, pivot	90.17	
W. R. McKee, apparatus	95.00	
University Press, books and stationery	11.80	
Accounts under $10 (3)	10.02	
Superintendent's Dept., material	1.89	
Printing Bulletins, etc. ($59.62):		
American Society of Civil Engineers, reprints	22.48	
J. G. Breckenridge, reprints	8.00	
National Research Council of Canada, reprints	11.00	
University Press, printing, binding	18.14	
	7,211.18	
Charged to Wallberg Bequest	7,211.18	....
(d) Dentistry:		
H. K. Box, Professor of Periodontology, 12 mos. (half time)	3,000.00	
A. F. Fenton, Laboratory Technician, 12 mos.	1,500.00	
		4,500.00
		$ 18,542.71

147. Banting and Best Research.

(a) Banting Research:		
Sir Frederick Banting, Professor of Research in Medicine, 12 mos.	$ 5,000.00	
G. E. Hall, Professor of Medical Research and also in charge of Department, 12 mos. @ $5,000 less army pay refunded, $1,440.60	3,559.40	
Associate Professors:		
W. R. Franks	3,700.00	
D. A. Irwin	3,600.00	
C. C. Lucas	3,400.00	
Research Associates:		
Miss S. Gairns, 12 mos.	2,160.00	
J. A. Kitching, 10 mos.	1,425.00	
Joseph Doupe, 5½ mos.	1,320.00	
A. C. Burton, 3 mos.	720.00	
Research Fellows:		
Charles McArthur, 12 mos.	1,200.00	
C. G. McEachern, 12 mos.	1,200.00	

F. Smith, 12 mos.	1,200.00
Miss E. Melrose, 12 mos.	1,140.00
D. W. Best, 1½ mos.	112.50
A. L. Hessin, 1 mo.	100.00
Research Assistants:	
(for 12 mos.):	
J. E. Goodwin, without salary	....
Miss J. M. Lang	1,500.00
L. B. Macpherson	1,500.00
Miss M. M. Shaw	1,320.00
J. H. Johnston	1,200.00
Cosmo Marchant (paid also $100 for Extension Work)	1,200.00
N. R. Stephenson	1,200.00
G. A. Meek	1,080.00
F. E. Chase	840.00
D. W. Lougheed	690.00
(for 10 mos.):	
S. F. MacDonald	1,250.00
V. P. Collins	1,000.00
J. M. Janes	1,000.00
Dr. Frances L. McKay	1,000.00
Miss Mary May-Li Wong	1,000.00
Dr. Laurella McClelland	900.00
J. M. R. Beveridge	850.00
Miss E. Grant	750.00
W. N. Keefe	750.00
G. J. Millar	750.00
(for broken periods):	
C. Von Seeman, 9½ mos.	1,187.50
J. Hillier, 7 mos.	875.00
W. A. Ladd, 5 mos.	625.00
F. L. Lawson, 9 mos.	450.00
G. W. Manning, 2½ mos.	250.00
W. K. Kerr, 3 mos.	225.00
R. C. Smith, 3 mos.	225.00
Miss E. G. Mackenzie, 1½ mos.	112.50
C. Collins-Williams, 1½ mos. (paid also $125 as Laboratory Assistant)	105.00
Miss H. MacMorine, 1 mo.	75.00
H. J. Creech (Sessional)	400.00
Assistants (12 mos.):	
Miss M. E. Wheatley	960.00
Miss M. L. Wilkinson, at $780 less 1 mo. on leave of absence	715.00
Miss H. Brock	720.00
Miss E. Collins, Technical Assistant, 2 mos.	140.00
A. T. Stringer, at $1,380, on leave of absence from October for duration of war	460.00
Technicians:	
L. C. Brock, at $1,440, on leave of absence from February for duration of war	1,089.90
(for 12 mos.):	
H. M. Douglas	1,260.00
J. E. Walker	1,200.00
J. Conley, at $1,200; resigned May 11	1,035.50
G. Parkes	900.00
D. Snow	780.00
W. J. Watson	720.00
A. Arcari	660.00
Miss N. Davy	660.00
H. Rudney, 10 mos.	600.00
W. Gairdner, 4 mos.	196.00
L. B. Patterson, Assistant Technician, 3 weeks	45.00
C. Collins-Williams, Laboratory Assistant (2½ mos., see also above)	125.00
Mrs. Alison Moffitt, Laboratory Attendant, 12 mos.	720.00

Assistants in Animal Quarters:	
G. Johnston, 12 mos.	780.00
S. Smith, 12 mos.	780.00
K. J. Sims, 12 mos.	720.00
W. Matravers, 10 mos.	505.00
R. Levans, 3 mos.	105.00
Miss M. J. Millar, Secretarial Assistant, 12 mos.	1,080.00
	71,103.30
Expenses ($14,443.17):	
Aikenhead Hardware, Ltd., hardware	26.40
Albany Pump Co., rotary pump	32.40
Allen Mfg. Co., laundry	310.74
American Instrument Co., micrometers	182.64
American Journal of Cancer, subscription	11.56
American Medical Association, reprints	37.00
Baker Platinum of Canada Ltd., palladium	39.51
Belden Mfg. Co., burglar trap, wire	10.54
Burgess Battery Co., batteries	59.48
Cambridge Instrument Co., lamps, resistors, etc.	26.59
Canada Packers Ltd., dog feed	33.63
Canadian Johns-Manville Co., filter aid	11.09
Canadian Kodak Sales Ltd., chemicals	119.44
Canadian Medical Association, reprints	15.75
Carswell Co., binding	42.01
Central Scientific Co., glassware, chemicals, etc.	2,362.54
R. H. Chappell, glass blowing	31.35
Comptroller, Hart House, luncheons	28.80
Connaught Laboratories, heparin	106.50
Corbett-Cowley Ltd., frocks, uniforms	138.16
E. Cullen & Sons, animals	1,409.03
Cutting Ltd., paper, rolls	60.34
De Haviland Aircraft of Canada Ltd., zippers	14.20
Dunlop Tire & Rubber Goods Co., vulcanizing, rubber goods, etc.	336.85
Eastman Kodak Co., chemicals	96.07
Eastman Photographic Stores, photographic supplies	327.05
T. Eaton Co., Ltd., cloth, cotton, ink, etc.	63.05
A. Gallinkamp Co., chemicals	33.15
Gardner Sewing Machine Co., stand for machine	10.00
Gevaert Co. of America, photographic supplies	46.00
Grand & Toy, stationery	32.10
Randolph Hinch, syringes, needles	57.67
Hoffman-LaRoche Ltd., acids	24.20
Imperial Oil Ltd., parowax	21.78
Ingram & Bell, medical supplies	1,687.95
Instruments Ltd., apparatus	104.50
Jem Rubber Co., air mattress	38.00
Journal of Biological Chemistry, subscription	25.11
Kelley Feed & Seed Co., straw	22.26
Liquid Carbonic Canadian Corp., gas	10.00
Lowe Martin Co., transfer cases	35.20
Lusteroid Containers Co., containers	43.53
John McGillian, carrots	33.75
Mallinckrodt Chemical Works, chemicals	350.14
Maple Leaf Milling Co., feed	285.50
Monsanto (Canada) Ltd., chemicals	21.00
National Steel Car Corp., arm supports for aircraft	96.00
Office Specialty Mfg. Co., steel cabinet, stationery	50.71
Ontario Agricultural College, hens	216.00
Pathology Research, rabbits	14.40
Postage	70.16
Ralston Purina Co., feed	844.00
Geo. Rathbone Lumber Co., cupboard doors	25.50
Frank Raw Co., Ltd., paper, drawing board	12.77
Riseborough & Jackson, feed	193.40
Robbins & Townsend, typewriter maintenance	10.80
Sanitary Products Ltd., repairs to spray guns	16.79

Underwood-Elliott-Fisher, typewriter		153.90
S. S. White Co., gas, chemical		48.53
Wholesale Radio Co., radio supplies		146.49
Harold A. Wilson Co., stopwatch		12.38
University Press, printing, stationery		317.75
Accounts under $10 (44)		215.04
Travelling expenses:		
W. R. Franks		40.94
J. E. Goodwin		31.31
G. E. Hall		77.39
D. Irwin, and 18 staff members		106.00
C. C. Lucas		40.94
H. W. Price		4.50
Sundry disbursements by Department:		
Hardware and gasoline, $41.32; telephone and telegrams, $28.37; stationery and drugs, $23.16; car tickets, $20.75; ice and food supplies, $11.59; sundries, $14.81		140.00
Superintendent's Dept., telephone, $48.55; freight, $45.01; labour, $346.64; material, $1,181.90		1,622.10
Contribution to Pension Funds		1,118.88
		85,546.47
Credited from Banting Research Foundation	16,000.00	
Ontario Mining Association	5,000.00	
Rockefeller Foundation—Psychiatry	12,500.00	
Josiah Macy Jr. Foundation	3,782.25	
Medical Research Best Fund	2,500.00	
Scottish Rite Donation	2,685.22	
Eli Lilly Fellowship	1,080.00	
H. F. MacLean Grant	5,000.00	
Charged to Insulin Committee Grant	29,499.00	78,046.47
		7,500.00
(b) Best Research:		
C. H. Best, Research Associate, 12 mos. (see also Department of Physiology)		2,500.00
Physiology:		
E. Fidlar, Lecturer and Research Associate, 12 mos. (see also Department of Physiology)		100.00
Research Associates:		
A. L. Chute, 11 mos.		1,375.00
J. L. Magladery, 8 mos.		720.00
Research Assistants:		
J. Campbell, Jr., 12 mos.		1,800.00
L. B. Jaques, @ $1,200 (transferred from October to Department of Physiology)		389.60
Miss H. J. Bell, 7 mos. @ $900 (transferred to Special Funds)		525.00
Mrs. Jean P. Fletcher, 7 mos.		700.00
D. F. Pen, 9 mos.		630.00
M. J. Wilson, 4 mos. (see also Department of Anatomy)		400.00
E. A. Ryan, from May 20 to June 30		110.00
Fellows (see also Department of Anatomy):		
E. G. Meyer, Sessional		200.00
J. W. McNichol, Sessional		200.00
A. D. Rice, 5 mos.		125.00
R. E. Haist, Demonstrator, Michaelmas Term (see also Department of Physiology)		50.00
F. L. Robinson, Head Technician, 12 mos. (see also Department of Physiology)		500.00
Technical Assistants:		
C. Scattergood, 12 mos.		850.00
J. C. Howard, 12 mos.		700.00
S. McCracken, 12 mos.		939.00
Miss G. I. Harpell, 5 mos.		416.65
Guido Loewi, 37 weeks		574.94

Mrs. J. M. D. Williamson, part-time Assistant, 12 mos.	756.17
Miss D. M. Secord, Secretarial Assistant, 12 mos. (see also Department of Physiology)	100.00
Physiological Hygiene:	
Research Associates:	
Miss J. H. Ridout @ $450 (transferred from January to Special Funds—see also School of Hygiene)	254.09
D. Y. Solandt (see also Department of Physiology and School of Hygiene)	200.00
Miss E. F. D. Martin, Research Assistant, 12 mos.	1,300.00
Technical Assistants:	
(for 12 mos.):	
C. R. Cowan, Sr. (see also School of Hygiene)	700.00
J. G. Truax	1,050.00
Kenneth Roseblade	900.00
Miss A. Jaffary	825.00
(for broken periods):	
J. Scattergood, @ $1,150; (on leave of absence from September for duration of war)	404.45
Miss M. Luxton, @ $900 (transferred from January to Special Funds)	498.85
Miss M. E. Hocking, @ $875 (transferred from January to Special Funds)	485.00
P. Prosser, 8 mos.	487.75
Miss M. Linton, 24 weeks	332.50
	22,099.00
Expenses ($15,443.59):	
Aikenhead Hardware Co., hardware	109.83
Annual Reviews Inc., reprints	12.06
Ayerst McKenna Co., chemicals	11.35
G. Bachent, translations	12.00
British Drug Houses, Ltd., chemicals	281.61
British Medical Journal, reprints	20.39
Canada Packers Ltd., meat, glands	54.75
Canadian General Electric Co., icing unit	70.40
Canadian Industries Ltd., heavy water	120.06
Canadian Kodak Sales Ltd., chemicals	64.73
Canadian Laboratory Supplies, colorimeter, micro cups, etc.	100.94
Canadian Pacific Railway Co., telegrams	33.49
Comptroller, Hart House, room and meals	10.78
Walter A. Carveth Co., microscopes in cases	485.50
Central Scientific Co., apparatus, chemicals, etc.	1,417.19
R. H. Chappell, glass blowing	83.95
Connaught Laboratories, heparin, care of animals, chemicals, reprints, films (including special allowances)	8,045.22
Joseph Cooper, meat	344.77
Corbett-Cowley Ltd., uniforms	33.72
Department of Medical Research (Banting), authorized transfer	2,500.00
E. Cullen & Son, animals	2,446.10
T. Eaton Co., stools, films	10.21
Eimer &Amend, filters, paper	163.12
Electric Motor Service Co., motor repairs	12.00
J. A. Fontaine, frogs	84.00
J. F. Hartz Co., evintrobe set	15.00
Hoffman-LaRoche, chemicals	42.95
Ingram & Bell, medical supplies	419.62
Kelley Feed & Seed Co., feed	347.25
K. Kerns, telephone calls	14.69
Lafayette Radio, radio parts	139.21
Office Specialty Mfg. Co., cabinets, trays, guides	51.18
E. F. Palmer (London) Ltd., paper	24.59
Photographic Service, slides, prints	10.64
Rainbow Lantern Slide Co., slides	14.35
Robbins & Townsend, typewriter maintenance	11.40
Taylor Instrument Co., repairs to sphygmomanometer	42.45
Underwood-Elliott-Fisher, repairs	19.35

University Press, brain perfusion apparatus	27.27	
Visking Corp., casings	16.57	
Wholesale Radio Co., radio parts	324.98	
University Press, printing, stationery	357.53	
Accounts under $10 (27)	129.59	
Travelling expenses:		
C. H. Best	90.00	
A. L. Chute	20.55	
L. Jaques	100.00	
J. W. Magladery	48.61	
Mrs. S. A. Myron	105.36	
D. Y. Solandt	205.00	
Y. Zotterman	66.88	
Sundry disbursements by Department:		
Postage, $54.62; supplies, $25.16; hardware, $15.26; telephone, stationery, drugs, freight, sundries, $26.61	121.65	
Superintendent's Dept., freight, $21.43; labour, $358.19; material, $390.91	770.53	
Contribution to Pension Funds	363.35	
	42,527.72	
Charged to Insulin Committee Grant	40,027.72	
	2,500.00	
		$ 10,000.00

APPENDIX III.

University Press.

Ledger Balances (net) as at 30th June, 1939:	
Contingent Reserve Account	$ 7,246.08
Surplus Account	9,191.87
	$ 16,437.95

Transactions for the year ending 30th June, 1940.

Receipts from the Press, Book Department, and Publications	$248,549.04	
Expenditures: Salaries, supplies and operating expenses	240,177.55	8,371.49
Balance (including reserve) at credit 30th June, 1940		$ 24,809.44

NOTE

The above figures cover the accounts passing through the Bursar's Office. Supplementary thereto, the Manager of the Press had on hand on 30th June, 1940, as shown by his records, inventories, etc. (including work in progress) $37,685.88; accounts receivable (less reserve) $14,452.61; less sundry liabilities (net) $4,484.70; making with the above cash balance of $24,809.44, a total surplus over liabilities of $72,463.23.

Details of Expenditure.

Salaries and wages ($94,927.73):	
A. Gordon Burns, Manager, 12 mos.	4,500.00
Miss E. M. Walker, Secretary	2,000.00
Assistants, each 12 mos:	
Miss E. Baguley	1,400.00
Miss I. E. McTaggart	1,400.00
Clerks, each 12 mos.	
Mrs. Florence Friendship	1,100.00
Miss I. Westwood	1,075.00
Miss M. Storey	1,050.00
Miss A. Mullowney	1,050.00
Miss R. Buchan	950.00
Miss I. Potter, Stenographer, 12 mos.	1,000.00
George Edwards, Caretaker, 12 mos.	1,550.00
Pay lists, wages of employees	77,852.73

Editorial Services ($4,008.34):	
Miss Alison Ewart, General Editor, 12 mos.	1,950.00
Mrs. Mary L. Thompson, Assistant to General Editor, at $1,250; resigned 31st August	208.34
V. W. Bladen	350.00
A. Brady	100.00
E. K. Brown	200.00
G. Brown	400.00
D. G. Creighton	100.00
G. P. deT. Glazebrook	100.00
J. E. Hodgetts	150.00
W. P. M. Kennedy	250.00
A. S. P. Woodhouse	200.00
Payments to contributors to publications	1,563.00
Payments of royalties and returns from sales	3,888.15
Supplies and general operating expenses ($109,184.42):	
Acco Canadian Co., covers, binders	87.92
Aikenhead Hardware Co., hardware	61.33
Alexander & Cable Co., lithographing	137.50
Art Metropole, slide rules, pencils, brushes, etc.	64.81
Baker Ashdown Ltd., zincs, halftones, etc.	1,147.22
Barber-Ellis (Canada) Ltd., envelopes	2,513.81
Blackhall Co., binding	45.72
Border-Brokers Ltd., brokerage, duty, etc.	1,087.70
Bostitch Ltd., staples, staplers	58.00
R. Bourne & Son, fabrikord covers	118.11
L. P. Bouvier Co., envelopes	42.95
Brigdens Ltd., halftones, etc.	56.93
J. R. Brooks, music paper	36.00
Brown Bros., stationery	3,024.58
Buntin Reid Co., paper	392.15
Chas. Bush Ltd., ink	778.79
Bernard Cairns, stamps	30.16
Canada Carbon & Ribbon, ribbons, carbon	184.50
Canada Metal Co., metal	1,661.93
Canada Paper Wholesale Ltd., paper	294.97
Canadian Linotype Co., repairs	61.76
Canadian Pacific Railway, telegrams	48.81
Carbon Paper Service Bureau, carbon	55.59
Carroll's Canadian Metals, metals, screws	85.65
Central Scientific Co., instruments, rulers, etc.	269.40
Cooper & Beatty Ltd., composition, type	125.23
Delaney & Pettit Ltd., glue	123.16
Walter Dickinson & Co., stationery	602.83
Dixon Pencil Co., pencils	26.00
Dominion Blank Book Co., covers, note books, zippers	586.56
Dominion Electrotypers and Engravers, prints, zinc	90.71
Dominion Envelope Co., envelopes	72.35
Dominion Paper Box Co., filing boxes	240.52
Eaton-Crane & Pike, paper	40.00
E. B. Eddy Co., Ltd., paper	4,558.95
Elliott Addressing Machine Co., stencils	25.41
J. E. Emerson, repairs to machinery	43.80
W. J. Gage Co., stationery	2,430.83
Geo. Everall Co., envelopes	164.32
D. Gestetner Co., stencils, ink, paper, etc.	140.23
Graphic Engravers Ltd., zincs, etchings, halftones	1,090.76
Grand & Toy Co., stationery, paper, etc.	43.04
Miss F. C. Hahn, mimeographing	216.64
F. W. Halls Paper Co., paper	377.59
T. H. Hancock Lumber Co., boxes	48.60
G. A. Hardie Co., flannel, wipers	85.13
W. E. Hardman Co., paper ruling	106.50
Henderson Bros., paper ruling	263.10
Itaglia Gravure Ltd., Christmas cards	181.52
C. H. Johnson & Son, cartage	420.00
Keuffel Esser & Co., rulers, slide rules, glasses, etc.	180.10
The Levis, wipers	182.78
Lowe Martin Co., Ltd., cards	25.65

Luckett Loose Leaf, stationery, covers, etc.	1,528.48
Mitchell & McGill, cupboard	27.00
Mono-Lino Typesetting, linotyping, galleys	132.40
Monotype Co. of Canada, metal, molds, etc.	771.07
Moore Type Foundry Ltd., metal	121.91
Munson Supply Co., carbon	29.70
A. J. McCrae & Son, pencils	55.95
Gordon MacKay & Co., flannel, cotton, etc.	37.81
Nichols Advertisers Ltd., pads	56.38
J. E. Nunn, Treasurer "500th Anniversary of Printing," University Press contribution	50.00
Office Specialty Mfg. Co., cabinet, book pockets	27.00
Parker Fountain Pen Co., pens, pencils, repairs	300.03
Paper Scales Ltd., scales	117.42
R. A. Phillips Ltd., pennants, crests, cushions	193.30
Photo Engravers and Electrotypers Ltd., zincs, etchings, etc.	665.52
Photographic Service, blueprints, plates	48.75
Premier Engravers and Electrotypers, zincs, halftones	290.27
Provincial Paper Co., paper	12,806.28
Queen City Paper & Twine Co., paper	70.29
O. J. Ouillette Co., keyboard, paper, ribbon	70.42
Raine Engraving Co., dies, rules, etc.	78.84
Reed-Canadian Engravers, zincs, halftones, etc.	1,107.55
Reliance Engravers, zincs, halftones	107.67
Robbins & Townsend, carbon, ribbons, typewriter maintenance	236.75
Rous and Mann, cards, envelopes	186.30
Ryerson Press, binders, book pockets, etc.	80.30
F. Sanderson, pads	37.00
Service Linotyping Co., linotyping	63.13
W. A. Sheaffer Pen Co., pens, repairs	31.63
Simmonds Canada Saw Co., sharpening knives	25.00
Howard Smith Paper Co., paper	3,103.15
Spicer's (Export) Ltd., paper	288.20
Standard Embossing Co., embossing	350.96
Stephen Sales Ltd., stencils, folders, covers, etc.	92.18
Stephenson Blake & Co., brass type	593.43
Geo. M. Stewart Reg'd, brass rules	163.25
Toronto Envelope Co., envelopes	844.85
Toronto Graphic Arts Association, dues, etc.	530.50
Toronto-St. Catharines Transport, cartage	107.46
Toronto Type Foundry Co., brushes, type, wire, etc.	108.11
Townsley Printers Supply and Machine, repairs, clamps, etc.	84.53
Turnbull Elevator Co., repairs	52.50
Underwood-Elliott-Fisher, supplies	99.57
United Paper Mills, paper	4,342.06
Universal Thread Co., thread	41.40
Venus Pencil Co., pencils	134.60
H. W. Vetter, commission on sales	99.81
Victoria Paper & Twine Co., cups, paper, twine, etc.	397.58
Wahl Co. Ltd., pens, repairs	94.15
L. E. Waterman Co., pens, pencils, repairs	302.34
Whyte-Hook Paper Co., cloth, millboard	214.82
Wilson Munroe Co., paper, leatherette, millboard	1,055.03
York Electrotypers, electros, zincs, etc.	30.61

Books, etc.:

Thos. Allen Co.	64.39
Allyn & Bacon	84.85
American Book Co.	32.18
American Chemical Society	29.55
American Council of Education	27.45
American Public Health Association	38.28
American Institute of Steel Construction	255.00
American Library Association	278.87
American Medical Association	129.60
Angus & Robertson	52.13
Annual Review	61.60
D. Appleton-Century	795.27
Baker & Taylor	39.14

Barnes & Noble	176.08
P. Bladeston & Son	584.87
F. A. Brockhaus	51.65
Bureau of Publications, Teachers' College	52.90
Buycos Publishing Co.	38.83
Butterworth Co.	25.35
Canadian Dental Research Foundation	76.80
Canadian Geographical Society	212.00
Canadian Nurses Association	45.40
Canadian Pharmaceutical Association	89.25
Canadian Political Science Association	109.30
Carswell Co.	68.10
Cassell & Co.	74.20
W. R. Chambers Ltd.	57.61
Chemical Publishing Co.	35.51
Chemical Rubber Co.	342.98
J. A. Churchill	236.82
Clarke Irwin & Co.	3,085.58
Wm. Collins Sons & Co.	43.00
Columbia University Press	311.37
Commonwealth Fund	117.97
Copp Clarke Co.	1,416.60
Wm. Dawson & Son	64.32
J. M. Dent & Son	570.31
Dodd Mead & Co.	346.27
Doubleday Doran & Co.	197.86
Farrar & Rinehart	73.63
The Forest Press	281.87
W. J. Gage & Co.	640.78
Gaulon & Fils	236.20
General Board of Religious Education	33.77
Ginn & Co.	951.93
Gregg Publishing Co.	26.85
Harcourt Brace & Co.	62.93
Harper Bros.	41.31
Harvard University Press	215.05
Wm. Heffner & Sons	26.05
His Majesty's Stationery Office	149.67
Houghton Mifflin Co.	1,226.15
Industrial Press	33.90
International Correspondence Schools	280.49
Johns Hopkins Press	69.55
Koehler Volchmar Co.	157.63
Otto Lange	56.41
Lea & Febiger	485.91
Librarie Beauchemin	44.73
Life Underwriters' Association of Canada	30.40
J. B. Lippincott & Co.	125.75
Longmans Green & Co.	1,304.41
Loyola University Press	42.23
McAinsh Co.	3,501.35
McClelland & Stewart	352.11
McGraw Hill Book Co.	3,012.98
Geo. J. McLeod Ltd.	63.42
MacMillan Co. of Canada	5,837.25
Medico-Dental Publishing Co.	74.59
Moyer School Supply	30.65
Musson Book Co.	1,033.30
Thos. Nelson & Son	358.54
Nordemann Publishing Co.	80.15
W. W. Norton & Co.	72.93
Oxford University Press	147.65
Geo. Philip & Son	43.46
Sir Isaac Pitman & Sons	854.31
Prentice Hall Inc.	322.08
Princeton University Press	88.18
Psychological Corporation	38.79
Receiver General of Canada	135.68
Regents of the University of California	37.71

Reinhold Publishing Co.	106.74	
Ronald Press	80.98	
H. M. Rowe & Co.	123.12	
Ryerson Press	371.04	
S. J. Reginald Saunders	64.68	
Chas. Scribner & Sons	188.62	
Simpkin Marshall Ltd.	1,969.28	
Robt. Simpson Co.	28.50	
C. K. Smoley & Sons	37.88	
Smith Western Publishing Co.	40.50	
Stanford University Press	68.51	
G. E. Stechert & Co.	117.44	
Superintendent of Documents, Washington	50.00	
Chas. C. Thomas	65.81	
Trans-Canada News Co.	52.59	
University Associates of Canada	41.63	
University of Chicago Press	782.20	
University of Michigan Press	36.90	
University of Minnesota Press	42.55	
University of Pennsylvania Press	48.95	
University Prints	100.11	
D. Van Ostrand Co.	538.91	
John Wiley & Sons	3,123.03	
Williams & Wilkins	7,659.81	
H. W. Wilson Co.	183.15	
Yale University Press	36.59	
Accounts under $25 (449)	2,603.06	
Sundry purchases, second-hand books	297.03	
A. G. Burns, travelling expenses	235.05	
Microscopes	6,117.40	
Advertising, $1,203.89; postage and excise, $3,258.00; bank charges and exchange, $2,159.89; cleaning, $169.35; freight, express, cartage, $401.19; meals for nightwork, $163.55; sundries, $171.03	7,526.90	
Heat, $1,097.82; electric current, $876.69; gas, $330.24; telephone, $368.94; water, $133.43	2,807.12	
Faculty of Dentistry, refund on Wheeler Tooth Forms	112.00	
Superintendent's Dept., freight and duty, $300.79; labour, $333.94; material, $438.73	1,073.46	
Collector of Customs and Excise, Sales Tax	7,067.73	
Contribution to Employees Pensions Account	936.67	
Interest charged on debit balances	379.58	
Sir Robert Falconer Lectureship Fund, portion of proceeds from Earl Baldwin Lectures	100.00	
W. Cranston, honorarium on his retirement	250.00	
		$240,177.55

APPENDIX IV.

Superintendent's Stores and Sundry Labour Account.

Ledger Balance, 30th June, 1939		$ 9,839.49
Purchases made during 1939-40:		
Advance Glass & Mirror Co., glass	62.45	
Aikenhead Hardware Ltd., hardware	2,819.77	
Aluminum Co. of Canada, rivets, etc.	55.29	
Associated Chemical Co., chemicals	266.06	
Aulcraft Paints Ltd., paints, etc.	36.72	
Baines & David, steel bars, etc.	240.30	
Wm. Bartlett & Son, shades, awnings	31.35	
Beldam's Asbestos Packing & General Mfg. Co., packing, etc.	76.89	
Bennett & Wright, plumbers supplies	61.80	
Berry Bros., paint, varnish, etc.	302.95	
Boake Mfg. Co., lumber	348.17	
Boeckh & Co., brushes	84.06	
R. S. C. Bothwell, new roof on stable at farm	90.00	
British & American Motors, new car, $1,073.58 less allowance on old car, $385.00; repairs, $3.50	692.08	
Brown's Upholstery, covering chairs, mattresses, etc.	65.57	
Builders Supplies Ltd., stone, lime, etc.	248.93	
Building Partners, aluminum cylinders	25.81	

Building Products Ltd., insulator, etc.	29.58
Burgess Battery Co., batteries	273.49
Robt. Bury & Co., lumber	1,038.14
Canada Building Materials, cement, stone, etc.	148.33
Canada Linseed Oil Mills, soap	310.36
Canada Metal Co., solder, lead, etc.	476.71
Canada Sand Papers Ltd., emery cloth	34.61
Canada Wire & Cable Co., wire	179.21
Canadian Asbestos Ltd., asbestos paper, etc.	211.47
Canadian Blower & Forge Co., fan, repairs, etc.	115.47
Canadian Fairbanks-Morse Co., pump, hose, etc.	93.00
Canadian General Electric Co., electrical supplies	1,996.12
Canadian Germicide Co., towels, soap, etc.	74.81
Canadian Industrial Alcohol Co., alcohol	104.49
Canadian Industries Ltd., chemicals, paints, etc.	1,092.45
Canadian Ingersoll Rand Co., motor parts, etc.	83.15
Canadian Johns-Manville Co., insulation, cement, etc.	253.05
Canadian Mill Supply Co., sheets, etc.	95.80
Canadian National Carbon Co., brushes, batteries, flashlights, etc.	213.88
Canadian National Institute for the Blind, brushes, brooms, etc.	270.76
Canadian Powers Regulator Co., thermometers	32.40
Canadian Radio Corporation, motor	27.50
Canadian Sirocco Co., electrical supplies	93.59
Canadian Westinghouse Co., refrigerators, fans, toasters, etc.	1,809.96
Central Scientific Co., glassware, etc.	124.22
Century Chemical Products, polish	27.64
Chadwick Electric Co., electricians supplies	428.93
A. A. Cockburn, towels	88.80
Colgate-Palmolive-Peet Co., soap, etc.	164.42
Colling Tire Shops, tires, tubes, etc.	294.11
Commercial Lithograph Co., lithographing	87.65
Consolidated Plate Glass Co.	408.42
Continental Can Co., cans	165.46
Cooksville Co., tiles	126.41
Corbett-Cowley Ltd., uniforms, coats etc.	525.36
Corning Glass Works	797.82
Crain Printers, billing machine, carbon	299.00
Crane Ltd., plumbers supplies	1,328.77
Cross Polishes, furniture polish	29.68
Crown Diamond Paint Co., brushes and paint	683.96
H. L. Cullen Co., chamois	28.42
W. H .Cunningham & Hill, plumbers supplies	153.92
Currie Products Ltd., roofing	1,663.27
Darling Bros., Ltd., valve gauge, etc.	44.90
Davis Automatic Control Co., thermo regulators, etc.	57.58
Dean Bros., castings	25.39
Diamond Cleanser and Soaps Ltd., cleansers	1,114.37
W. E. Dillon & Co., steel grilles, etc.	67.40
Henry Disston & Sons, saws, blades, etc.	115.68
Dominion Bridge Co., plates, sink, etc.	501.65
Dominion Carbon Brush Co., brushes, etc.	89.58
Dominion Linseed Oil Co., oil	251.24
Dominion Oxygen Co.	314.51
Dominion Radiator & Boiler Co., boilers, coils, gaskets, etc.	253.26
Downing & Co., fuses, etc.	453.71
Drummond McColl & Co., steel	74.49
C. A. Dunham & Co., plumbers' supplies	343.26
T. Eaton Co., blankets, linoleum, towels, etc.	452.10
Electrolux Canada Ltd., hose	36.50
Empire Brass Mfg. Co., plumbers supplies	155.99
Engineering Equipment Co., enamel	270.00
Evans & Co., chamois	60.42
Exide Batteries of Canada, couples, plates, etc.	127.50
Federal Floor Finishing Co., sanding floors	47.00
E. B. Fielding & Co., turpentine	485.40
Thos. Firth & John Brown Ltd., steel	516.80
Fittings Ltd., plumbers supplies	41.43

Fitzgerald-McAvoy Wire Goods, baskets, screens	48.13
Garage Supply Co., batteries	120.20
Garlock Packing Co., packing	28.00
General Steel Wares Ltd., cans, baskets, pails, etc.	441.17
Good Specialties Ltd., hardware	40.71
Gooderham & Worts Ltd., alcohol	14,885.94
Gordon Mackay & Co., cloth, etc.	70.68
Gordon Sponge & Chamois Co., sponges, etc.	309.62
Grant Contracting Co., building supplies	282.60
Grinnell Co., plumbers supplies	2,493.92
Grose Fertilizers & Chemicals Ltd., milorgranite	141.00
A. Guinness & Co., maps, tray covers, etc.	284.80
Gunite & Waterproofing Ltd., ferrotite	78.00
Gutta Percha & Rubber Ltd., cement, hose, washers, etc.	200.12
Hamilton Carhartt Mfg. Co., overalls, coats	31.24
Joe Hampson, sand, cement	62.05
Hardinge Bros., patrol clock	185.00
Harpham Bros., casings	126.68
W. Harris & Co., glue	54.00
Geo. H. Hees & Son, webbing	43.23
Geo. M. Hendry Co., blackboards, chalk	74.28
Edmund Hind Lumber Co., lumber	34.58
Huntington Laboratories Ltd., Seal-o-San, etc.	43.52
Hydro-Electric Power Commission, current, etc.	3,485.72
Imperial Oil Ltd., oil, wax, etc.	165.17
Imperial Varnish & Color Co., paint, enamel	540.86
Interlake Tissue Mills, towels	551.25
Italian Mosaic & Tile Co., tiling	410.27
Wm. Jessop & Sons, steel	47.64
Johnson Temperature & Regulating Co., thermostat, etc.	29.04
Jones & Moore Electric Co., electrician's supplies	92.89
Geo. Keith & Sons, grass seed	494.35
Kelvinator of Canada, repairs, etc.	621.50
Kennedy Mfg. Co., chemicals	27.51
Kilgours Ltd., towels, plates, etc.	3,129.76
La France Fire Engine & Foamite Ltd., extinguishers	297.69
R. Laidlaw Lumber Co., lumber	254.20
John Leckie Ltd., gear pump, steel, etc.	26.31
Arthur S. Leitch & Co., cooler with motor, etc.	178.20
The Levis, cleanser	48.60
J. H. Lock & Sons, refrigerator service	25.00
Lowe Bros. Co., paint, enamel	113.65
Lundy Fence Co., fence, chain links, etc.	131.94
McBain Foundry, castings	52.06
MacCallum Mfg. Co., sweeping compound	212.40
McColl-Frontenac Oil Co., oil	52.74
S. McCord & Co., cement	91.61
McDermid Bros., Ltd., builders material	807.57
Alex McKay & Co., cement	236.20
Mallinckrodt Chemical Works	45.14
Masco Co., electrician's supplies	3,356.00
Master Mechanics Co., paints, etc.	28.29
Geo. B. Meadows Wire & Iron Works, partitions at Downsview	32.50
Merck & Co., chemicals	1,296.69
A. Middleton & Co., paint	537.04
Minneapolis Honeywell Regulator Co., thermostats, blowerstats, switches, etc.	162.03
Modern Furnace Co., furnace	223.00
Moffatts Ltd., stoves, lamps, etc.	451.60
Monarch Belting Co., belting	26.59
Benjamin Moore & Co., paint, paste	495.01
J. H. Morin & Co., shellac, varnish	30.00
Jas. Morrison Brass Mfg. Co., plumbers supplies	1,659.32
Mount Royal Metal Co., lead, etc.	76.09
Moyer School Supplies, chalk, erasers	57.86
A. Muirhead & Co., paints, varnish	211.29
J. Muldoon Ltd., cement, plaster paris	42.68
Mundit Cork & Insulation Ltd., insulation	196.00

Alexander Murray & Co., roofing and builders supplies	87.45
National Drug & Chemical Co., chemicals	75.26
National Grocers Co., matches, cleansers, etc.	178.15
Neptune Meters Ltd., meter trap, etc.	59.98
Nerlich & Co., flowers	27.75
New Sanitary Wiper & Waste Co., cheesecloth, etc.	379.02
Nichols Chemical Co., chemicals	100.67
Northern Electric Co., electricians supplies	448.76
Ocean Chemicals Ltd., fumigating, etc.	757.83
O-Cedar of Canada, polish	89.83
Ontario Honey Producers, beeswax	30.00
Ontario Plumbing & Heating Supplies, couplings	49.01
Ontario Rubber Co., tubing	25.83
Pacific Mills Ltd., paper	1,226.20
Pannill Door Co., lumber	66.61
Peckover's Ltd., steel	1,113.19
Perrin-Turner Ltd., ammonia compressor	58.13
Phippen & Son, bricks	38.00
Pilkington Bros., plumbers supplies	1,504.56
Planet Bicycle Co., key blanks	32.80
Premier Vacuum Cleaner Co., parts	37.93
Provincial Treasurer of Ontario, truck license, $36.00; mixing wax license, $1.00	37.00
Pyrene Mfg. Co., extinguisher	34.45
R.C.A. Victor Co., microphone	38.30
Geo. Rathbone Lumber Co., lumber	86.24
Reeves & Sons, sketching boards	46.08
Renold-Coventry Ltd., speed reducers, etc.	91.27
Robbins & Myers, motor repairs	96.15
Jas. Robertson Co., plumbers supplies	1,280.01
Robinson Clay Products, fire clay, etc.	103.00
Rolls & Darlington, drugs	59.46
Roofers Supply Co., roofing material	529.46
Frank B. Ross Co., wax	231.44
W. E. Routery, plaster repairs	161.05
Samuel, Son & Co., steel, etc.	515.33
Sangamo & Co., electrical supplies	71.23
Sanitary Products Co., pest spray	89.10
Satin Finish Hardwood Flooring Ltd., lumber	147.19
Scarfe & Co., varnish, paint	222.97
J. C. Scott Co., installing windows at Connaught Laboratories	376.00
Scythes & Co., rope, flags, etc.	74.86
Alf. Sellers, building supplies	103.74
Shaw & Wright, hardware	615.89
Sheldons Limited, furnace parts	223.85
Shell Oil Co., gas and oil	270.29
W. Sherwood & Son, motor repairs, etc.	522.25
Shipway Iron & Wire Co., screening	58.58
T. S. Simms & Co., brushes and brooms	514.70
Robt. Simpson Co., linoleum, chairs, towels, etc.	445.18
Smillie Steel Products, steel	325.00
Smith Mfg. Co., belting	28.26
Chas. A. Smith Ltd., soap	263.74
John B. Smith & Sons, lumber	3,654.30
Joseph Spence & Co., pipe covering	51.15
N. H. Speight Laboratories, amplifier system, etc.	122.50
Spramotor Limited, motor, etc.	29.60
Square D Co., electricians supplies	1,046.43
Standard Chemical Co., chemicals	42.50
Standard Sanitary & Dominion Radiator Ltd., grates, fire door, etc.	37.02
Steel Co. of Canada, steel	124.63
G. F. Sterne & Sons, cement, varnish, etc.	494.40
Stewart & Wood, glue, paint	110.24
S. F. Stinson & Son., lumber	1,056.10
Michael Stuart Co., traps, etc.	101.51
Sturgeons Ltd., paints, etc.	56.56
Sun Oil Co., oil	254.94

Superior Electric Supply Co., electricians supplies		211.28	
Supertest Petroleum Corporation		1,105.35	
Textile Products Ltd., cheesecloth, mops, etc.		1,497.49	
Thayers Ltd., gasoline and oil		6,866.72	
Toronto Asphalt Roofing Mfg. Co., roofing		74.92	
Toronto Salt Works, salt		189.47	
Turnbull Elevator Co., elevator parts		84.98	
Twisswire Brushes Ltd., mops, etc.		223.87	
United Steel Corporation, belts, etc.		123.26	
Vacu-Draft Ltd., vacu-draft		71.89	
Victoria Paper & Twine Co., towels, etc.		684.83	
Vulcan Asphalt & Supply Co., flooring, etc.		149.28	
C. C. Wakefield & Co., oil		512.42	
W. P. Warner, sod, fertilizer, etc.		37.75	
West Disinfecting Co., chemicals		139.63	
A. C. Wild & Co., pipe coverings, etc.		362.18	
Whites Hardware, hardware		1,290.30	
A. R. Williams Machinery Co., parts		45.45	
J. A. Wilson & Co., fixtures		134.17	
Wonderful Soap Co., soap		570.00	
G. H. Wood & Co., soap, drinking cups, etc.		179.01	
A. L. Wynston Jr. Ltd., electricians supplies		2,708.24	
Zonite Products Corporation Ltd., larvex		29.24	
University Press, printing and stationery		79.62	
Accounts under $10 (153)		1,393.13	
Superintendent's Dept., freight, $328.96; labour, $5,200.78; material, $671.96		6,201.70	
		115,220.77	
Less credits: Dominion Government, refund of tax on alcohol	14,503.27		
Ontario Government, refund of tax on gasoline and varsol	155.72		
Sale of material	100.00	14,758.99	
			$100,461.78
Sundry labour as per pay lists:			
Trade mechanics and general workmen		128,498.22	
Firemen, nightwatchmen, etc.		50,118.64	
Cleaners and miscellaneous		114,948.35	
			$293,565.21
			$403,866.48

Apportionment of the foregoing:

	Labour	Material
Administration ($13,779.50):		
Bursar's Office	$ .35	$ .30
Registrar's Office	19.27	31.21
Superintendent's Office	2,088.84	88.79
Convocation and Simcoe Halls	9,364.69	1,989.04
President's House	196.21	.80
Library ($4,422.96):		
Maintenance	120.67	79.70
Building	3,449.95	772.64
Royal Ontario Museum	37,537.55	2,234.40
Athletics, Physical Training, Military Studies, etc. ($10,434.16):		
Athletics and Physical Training—Men	114.93	24.86
Athletics and Physical Training—Women	44.72	52.55
Health Service—Men	1.35	.09
Health Service—Women	1.12	....
Military Studies	....	
Hart House	4,673.58	2,376.18
Women's Building (44 Hoskin Avenue)	628.55	62.56
Military Studies Building	1,907.26	546.41
Examinations	259.10	40.43
Faculty of Arts ($46,532.86):		
Applied Mathematics	....	....
Physics	700.22	648.64
Astronomy	14.80	51.65

Geology	93.15	62.50
Mineralogy	207.48	139.12
Chemistry	1,676.30	1,419.49
Biology	934.99	880.00
Botany	238.08	254.54
History	9.65	20.07
Fine Art	5.00	3.30
Geography	26.21	22.20
Political Economy	1.50	100.49
Psychology	28.44	126.64
University College Departments	....	....
University College General Expenses	66.47	39.42
University College Building	8,190.80	1,694.26
McLennan Laboratory	3,374.54	1,272.52
Chemical Building	3,036.73	646.26
Biological Building	3,111.87	964.89
Botany Building	3,367.55	529.04
Baldwin House	818.31	183.96
No. 43 St. George Street	683.96	87.50
No. 45 St. George Street	598.34	133.01
No. 47 St. George Street	293.06	43.18
Economics Building	3,892.10	771.35
Psychology Buildings	3,160.05	580.72
David Dunlap Observatory	1,134.82	193.69
Faculty of Medicine ($31,638.97):		
Anatomy	69.65	161.58
Pathology and Bacteriology	924.73	651.20
Pathological Chemistry	38.74	66.64
Pharmacy and Pharmacology	13.24	235.74
Biochemistry (including Zymology)	418.12	627.34
Physiology	53.65	555.28
Hygiene and Preventive Medicine	60.47	28.03
Medicine	107.83	350.28
Surgery	....	2.35
Obstetrics	....	1.68
Art Service	8.05	2.48
General Expenses	14.20	39.47
Medical Building	4,076.67	853.88
Banting Institute	7,922.11	1,402.50
Anatomical Building	2,776.74	485.30
Hygiene Building	8,445.79	1,245.25
School of Hygiene	7.87	28.32
Faculty of Applied Science ($21,045.11):		
Electrical Engineering	85.03	223.45
Mechanical Engineering	146.35	320.21
Civil Engineering: Municipal and Structural	183.58	159.45
Civil Engineering: Surveying and Geodesy	39.90	114.45
Mining Engineering	182.59	332.48
Metallurgical Engineering	225.32	185.25
Chemical Engineering and Applied Chemistry	1,118.62	919.09
School of Architecture	12.58	18.53
Engineering Drawing	155.25	83.03
Applied Physics	27.52	114.80
General Expenses	55.85	9.50
Photographic Service	5.50	7.16
Mining Building (including Mill Building)	6,528.45	1,405.87
Engineering Building	3,279.10	872.42
Electrical Building (including Mechanical Building and Wind Tunnel)	3,396.12	461.42
Geodetic Observatory Building	320.48	55.36
Faculty of Dentistry ($9,013.05):		
Laboratory and Infirmary Supplies, etc.	2,208.51	930.40
Dental Building	4,811.55	1,062.59
Faculty of Household Science ($4,457.87):		
Household Science	672.14	633.80
Food Chemistry	17.69	18.05
Household Science Building	2,550.68	565.51

Faculty of Forestry ($910.59):			
Maintenance	93.04	104.43	
Forestry Building	592.91	120.21	
School of Nursing ($4,682.63):			
School Maintenance	6.88	2.01	
Residence Maintenance	83.31	708.64	
Building, No. 7 Queen's Park	3,377.10	504.69	
University Extension and Publicity	349.90	271.41	
Men's Residences	11,015.33	1,388.15	
Women's Residences ($7,186.41):			
Maintenance of Building	4,233.97	1,045.91	
Housekeeping Account	639.02	1,267.51	
Central Power Plant	29,131.29	1,676.74	
Miscellaneous and General ($39,136.13):			
Central Stores	1,200.00	....	
Grounds	13,516.48	1,620.46	
Protective Service	18,285.46	24.13	
Telephones	4,489.60	....	
Special Research (including Banting and Best)	818.27	1,842.61	
Ontario College of Education	12,759.04	2,847.44	
Work done for University Organizations, members of staff, sundry incidental accounts, etc. (including Accounts Receivable on 30th June, $6,794.20)	45,940.40	50,863.44	
Cash Sales	....	537.00	
	$293,565.21	$ 99,223.72	
			$392,788.93
Ledger Balance 30th June, 1940			$ 11,077.55

(Superintendent's Inventory Value, $21,928.38.)

APPENDIX V.

Ontario College of Education.

Balance on hand 30th June, 1939		$ 37,385.53
Receipts, 1939-40:		
Legislative Grant		246,000.00
Fees of Students		69,827.92
Aura Lee Grounds (Ontario College of Education Athletic Field)		600.00
		$353,813.45
Expenditure for salaries and maintenance for the year ending 30th June, 1940	$301,049.46	
Transferred to Institute of Child Study	4,000.00	305,049.46
Balance on hand 30th June, 1940		$ 48,763.99

Salaries.

J. G. Althouse, Dean	$ 6,000.00
Professors:	
P. Sandiford, Science of Education and Director of Educational Research	5,700.00
F. E. Coombs, Methods in Elementary Schools, at $4,700 (paid also $475 for Extension Work—ob. 16th December, —2 months salary paid to widow)	3,133.34
G. A. Cornish, Methods in Science	4,700.00
G. M. Jones, Methods in English; also History and Editor of "The School," at $4,700 (ob. 5th January—3 months' salary paid to widow)	3,525.00
J. O. Carlisle, Methods in Classics; also Supervisor of Practice-Teaching	5,000.00
W. J. Lougheed, Methods in Mathematics	4,600.00
Associate Professors:	
Miss W. G. Barnstead, also Director of Library School	4,200.00
W. G. Bennett, Commercial Subjects	4,400.00
Miss L. L. Ockley, Home Economics (paid also $125 for Extension Work)	4,400.00
B. C. Diltz, English and History	4,150.00
J. A. Long, Educational Research	3,800.00

Assistant Professors:	
Miss H. B. St. John, Modern Languages	4,000.00
M. A. Cameron, at $3,200 (paid also $350 for Extension Work—resigned 31st August)	533.34
Library Science in Library School:	
Miss B. Bassam	3,000.00
Miss M. E. Silverthorn	2,800.00
Lecturers, also Instructors in University Schools:	
G. N. Bramfitt, Diction and Voice Production	4,000.00
F. Halbus, Physical Education	3,825.00
A. T. McLachlan, Manual Training (paid also $650 for Extension Work)	3,400.00
Miss A. Marsh (paid also $125 for Extension Work)	3,325.00
L. R. Bell, Music	3,000.00
Lecturers, Home Economics:	
Miss R. E. Ratz	3,600.00
Miss A. E. Robertson	3,500.00
Miss H. L. Bryans, Lecturer Physical Training	3,500.00
Miss M. M. B. Davidson, Lecturer and Reviser in Library Science	1,600,00
J. H. Mills, Temporary Instructor (6 months—vice F. E. Coombs and G. M. Jones)	2,000.00
Instructors in University Schools:	
A. C. Lewis, Headmaster	4,700.00
R. F. S. Baird, Teacher-Librarian	3,600.00
G. A. Cline, at $4,000 (on leave of absence without salary to 31st August)	3,333.34
A. G. Croal	3,800.00
E. L. Daniher	4,000.00
J. L. Gill	4,000.00
H. A. Grainger	4,000.00
W. B. Gray	2,400.00
H. McGuire	3,400.00
N. McLeod	4,000.00
N. L. Murch	4,000.00
J. D. Morrow	3,500.00
L. H. Newell	2.800.00
P. A. Petrie	4,000.00
C. E. Phillips (paid also $400 as Instructor in Pedagogy; $200 in School of Nursing and $350 for Extension Work)	3,950.00
W. L. C. Richardson	4,000.00
W. R. Stewart	3,050.00
J. G. Workman	4,000.00
G. W. Cochrane, Instructor in Swimming and Supervisor of U.T.S. Athletic Field and Sports	2,700.00
L. E. Hayman, Instructor in Games, University Schools, from 15th April to 30th June, at $2,000 per annum	416.67
Special Instructors in Library School:	
Angus Mowat, Administration	150.00
Miss L. H. Smith, work with Boys and Girls	450.00
W. S. Wallace, College and University Libraries (paid also as University Librarian)	350.00
Miss Jean Merchant, School Libraries	150.00
Miss M. E. M. Poole, Special Libraries	150.00
C. R. Sanderson, Circulation of Books	150.00
Miss F. Trotter, Story Telling	150.00
Occasional Lecturers.	
F. H. Walter	30.00
E. J. Pratt (paid also in Dentistry)	30.00
E. C. Kyte (including expenses $15.50)	30.50
Miss R. L. Vormelker (including expenses $32.53)	62.53
Mrs. Kathleen Elliott (including expenses $5.40)	20.40
John A. Lowe (including expenses $20.90)	65.90
G. S. Brett (see also Faculty of Arts)	30.00
Ralph Munn (including expenses $25.57)	40.57
Miss Ann Hume (including expenses $24.35)	39.35
J. J. Talman (including expenses $7.45)	37.45
Griffith Taylor, Special Lecturer in Geography (paid also $4,000 in Faculty of Arts)	2,500.00

Norman Davies, Lecturer in Methods in Agriculture	300.00	
Supply Teachers:		
C. Miller, 34 days	255.00	
W. J. Burgess, 26½ days	198.75	
E. Cohen, 23 days	172.50	
D. L. Mumford, 11½ days	86.25	
R. B. Oglesby, 11½ days	86.25	
H. F. Pammett, 8 days	60.00	
G. E. Wallace, 6½ days	48.75	
F. Blondin, 2 days	15.00	
Miss D. A. Thompson, Librarian	2,400.00	
Miss D. Walter, Assistant Librarian	1,700.00	
Miss M. L. Simpson, Library and Clerical Assistant	1,100.00	
Clerical Staff:		
Miss L. Swinarton, Secretary	2,250.00	
Clerks:		
Miss E. G. Seldon	1,550.00	
Miss J. M. Jeffrey	1,550.00	
Miss G. M. Harvey	1,400.00	
Miss A. Elliott	1,400.00	
Mrs. Catherine Grant	1,100.00	
		$185,450.89
Retiring Allowances:		
Teachers' Insurance and Annuity Association, contribution of College for year ending 30th June, 1940, to retiring fund	3,344.54	
Contribution of College for year ending 30th June, 1940, University Pensions Fund—Employees	1,043.90	
		$ 4,388.44
Charges on Investment:		
Accountant, Supreme Court of Ontario, proportion of annual payment on debenture issue of 1909 for interest and sinking fund		$ 10,000.00
Maintenance of Building:		
Fuel:		
Milnes Coal. Co.	3,217.73	
Gas, $303.65; electric current, $2,492.62; water, $238.28; telephone service, $327.14	3,361.69	
Caretaker's supplies:		
Superintendent's Dept., material	627.55	
Cleaning and Furnaceman ($6,771.99):		
Advance Window Cleaning Co.	63.70	
Furnaceman, G. Thompson, 45½ weeks	1,001.00	
Superintendent's Dept., labour	5,707.29	
Repairs and Renewals ($3,987.11):		
Canadian Power Regulator Co., repairs to system	58.10	
Dustbane Products Ltd., repairs to polisher	29.90	
A. P. Green Fire Brick Co., repairing tile work	73.94	
Provincial Treasurer of Ontario, public hall license	10.00	
W. E. Routery & Co., plastering repairs	33.10	
Accounts under $10 (4)	17.19	
Superintendent's Dept., labour, $2,342.03; material, $1,422.85	3,764.88	
Grounds:		
Superintendent's Dept., labour, $641.97; material, $131.62	773.59	
Caretaker and Engineer:		
J. Harding, 12 mos. (overtime $42.50)	1,600.00	
Nightwatchmen ($1,404.41):		
H. McLeod, 12 mos.	1,320.00	
W. Gordon, 12 nights	41.34	
A. Smith, 12 nights	43.07	
Resurfacing yard:		
Barber Construction Co.	1,495.85	
		$ 23,239.92
Less credits: Cleaning and Caretaker's supplies, $324.45; material returned, $3.61; fuel, light, etc., $193.12; telephones, $24.85	546.03	
		$ 22,693.89

Maintenance of Aura Lee Grounds:		
Fuel ($299.76):		
Central Coal Co.	41.60	
Conger Lehigh Coal Co.	258.16	
Gas, $23.28; electric current, $48.09; water, $70.82; telephone, $98.45	240.64	
Caretaker's supplies:		
Superintendednt's Dept., material	63.51	
Repairs and occasional labour ($751.21):		
G. Gilbryn, repairing fence	32.13	
Superintendent's Dept., labour, $686.65; material, $32.43	719.08	
Caretaker, G. Cruickshank, 12 mos. (with living quarters valued at $200 and overtime, $19.25)	1,200.00	
		$ 2,555.12
Maintenance of Instruction:		
Use of City Schools:		
Board of Education, City of Toronto	35,145.00	
Use of Rural Schools ($422.50):		
Honoraria as critic teachers—Agriculture:		
Principal R. H. King	50.00	
D. G. McBain	152.50	
W. A. Porter	152.50	
Dean Althouse, expenses of students, Specialists in Agriculture	67.50	
Art Gallery, services in connection with practical teaching	6,000.00	
Payments to Librarians who assist in practical work ($1,250.00):		
Miss L. Booth	75.00	
Miss G. Boyle	75.00	
Miss K. Burkhardt	75.00	
Miss W. Davis	75.00	
Miss M. Finch	75.00	
Miss M. Forman	75.00	
Miss E. Gordon	75.00	
Miss V. Hyland	25.00	
Miss I. Locheed	75.00	
Miss M. MacGregor	75.00	
Miss E. MacKintosh	75.00	
Miss K. Morrison	75.00	
Miss N. L. Newton	25.00	
Miss E. St. John	75.00	
Miss H. Stubbs	75.00	
Miss J. Thomson	75.00	
Miss C. Wood	75.00	
Miss H. G. B. Woolrychc	75.00	
Laboratory and Library Assistance and pianist's services ($219.90):		
Miss E. Bennett, 43 hrs.	43.00	
Mrs. M. Graham, 20½ hrs.	20.50	
Miss F. Gray, 28 hrs.	28.00	
Miss H. Gray, 3 hrs.	3.00	
Miss S. McKerrighan, 380 hrs.	125.40	
Office supplies ($2,322.57):		
Mrs. Grace Barlowe, clerical assistance, 2 weeks	60.00	
D. Gestetner, stencils, ink, etc.	291.92	
Grand & Toy, cabinet, trays, etc.	15.25	
Office Specialty Mfg. Co., folders	23.01	
Postage	374.00	
Remington-Rand, files, cards	16.90	
Robbins & Townsend, typewriter, $143.78 less allowance on turned-in machine, $17.50; and typewriter maintenance, $33.60	159.88	
Stephens Sales, paper	137.70	
Underwood-Elliott-Fisher, typewriter, $141.75 less allowance on turned-in-machine, $22.50; and typewriter repairs, $2.00	121.25	
University Press, stationery	901.63	
Accounts under $10 (5)	19.28	

Sundry disbursements by department:	
Telephones and telegrams, $10.09; hardware, stationery and sundries, $4.91	15.00
Superintendent's Dept., labour, $131.42; material, $55.33	186.75
Office supplies for Library School ($341.64):	
D. Gestetner, stencils, paper	10.80
Grand & Toy, stationery, chair cushion	19.55
Mitchell & McGill, chair	18.00
Postage	46.00
Robbins & Townsend, typewriter maintenance	18.70
Miss M. Spaulding, clerical assistance, 36½ hrs.	16.43
University Press, stationery	144.39
Accounts under $10 (2)	12.50
Sundry disbursements by department:	
Books and stationery, $12.42; telephones and sundries, $4.32	16.74
Superintendent's Dept., labour, $33.71; material, $4.82	38.53
General supplies and apparatus for classroom use ($6,461.73):	
Aikenhead Hardware Ltd., hardware	105.57
Artist's Supply Co., cards, board, colours	44.53
British Drug Houses Ltd., chemicals	32.19
Howard Cable, refund library fee	11.85
Canadian General Electric, electric clock	12.51
Canadian Laboratory Supplies, rubber stoppers	96.75
Canadian Tire Corp., hardware	33.88
Gus Cancilla, provisions	169.64
Central Scientific Co., tubes, glassware, chemicals, etc.	430.90
City Dairy, milk	19.44
Copp Clark Co., chalk, books	72.40
T. Eaton Co., Ltd., towelling, dishes, piano rental, etc.	441.42
W. J. Gage & Co., paper, books	228.69
Grand & Toy, covers, guides	13.01
Heintzman & Co., song books, music	114.46
Geo. M. Hendry Co., plasticine, chalk, maps, etc.	107.99
International Cinema Service, films	111.28
Mrs. G. M. Jones, books	11.34
R. Laidlaw Lumber Co., lumber, buffboard	14.27
W. B. Nicholson, balances	22.69
Office Specialty Mfg. Co., cabinets, folders, etc.	168.50
Preston Woodworking Machine Co., machine parts	16.85
Promenade Music Centre, records	286.76
Psychological Corp., books	21.68
Ryerson Press, models, projector parts, repairs	584.81
Singer Sewing Machine Co., needles, machine, etc.	76.75
John B. Smith & Sons, lumber	141.25
Leslie Victor Smith, lettering certificates	83.25
Society for Visual Education, splint cement	22.20
G. Tamblyn, soap	21.00
Taylor Instruments Ltd., thermometers	10.08
Gordon V. Thompson, music	36.02
Sprague Troyer Biological Service, specimens	77.75
Toronto Radio Sports Ltd., record pick-up	32.00
Underwood-Elliott-Fisher, typewriter rental	400.00
United Paper Mills, tags	20.25
Warwick Bros. & Rutter, paper	241.41
Whaley Royce & Co., music	17.10
Harold A. Wilson, balls	99.85
Payments to Examiners, extra-mural candidates:	
M. A. Cameron	25.87
J. O. Carlisle	20.62
G. A. Cornish	49.87
B. C. Diltz	36.37
G. M. Jones	34.12
J. A. Long	31.87
W. J. Lougheed	15.00
L. H. Newell	30.00
Miss H. B. St. John	24.00
University Press, stationery	269.73
Accounts under $10 (31)	147.17

Sundry disbursements by department:	
Food supplies, $14.18; Biology and Physics supplies, $24.62; hardware, drugs, sundries, $11.13	49.93
Superintendent's Dept., freight, $17.54; labour, $785.72; material, $471.54	1,274.80
Supplies and Equipment for Library School ($873.70):	
American Library Equipment Association, books	102.12
Association of American Library Schools, fees	11.28
Bookshelf Bindery, books	33.40
Gordon & Gotch, guide book	99.03
Grafton & Co., books	18.47
Grand & Toy, desk light protector, blotting brush	18.23
Library of United Theological Seminaries, books	16.83
Lowe-Martin Co., cards	42.87
MacMillan Co., books	13.08
Robbins & Townsend, typewriter maintenance	16.50
Ryerson Press, books	12.95
L. C. Smith & Corona Typewriter Co., typewriter rental	30.00
Underwood-Elliott-Fisher Co., typewriter, $141.75; allowance on soundproof cover, $5.00	136.75
University of Chicago Press, book	12.61
H. W. Wilson & Co., books	122.05
Accounts under $10	94.98
University Press, books, stationery	85.39
Superintendent's Dept., freight, $2.16; labour, $5.00	7.16
Library Books, Periodicals, etc. ($1,361.87):	
American Library Association, books, dues	11.38
Bookshelf Bindery, books	14.89
J. J. Carter, books	10.00
Clarke Irwin Co. Ltd., books	59.80
Copp Clarke Co., books	22.95
Wm. Dawson Subscription Service, subscription, books	70.65
J. M. Dent & Sons, books, etc.	34.24
Doubleday, Doran & Co., books	20.63
W. J. Gage & Co., books	10.60
Longmans Green Co., books	25.18
Lowe-Martin Co. Ltd., cards, books	90.53
George J. MacLeod, books	47.63
MacMillan Co., books	132.09
McClellan & Stewart Ltd., books	36.70
Musson Book Co., books	10.61
Thos. Nelson & Sons, books	13.14
Oxford University Press, books	12.04
Ryerson Press, books	102.80
H. W. Wilson & Co., books	49.30
University Press, books, paste	437.27
Accounts under $10 (38)	149.44
Physical Training, including care of grounds, Field Day Sports, etc. ($491.16):	
Associated Screen News, rental of film	14.00
Eastman Photographic Stores, film, prints	22.51
Independent Towel Supply Co., laundry	24.23
Lackie Mfg Co., medals, shields	134.55
University of Toronto Athletic Association, rental of Arena, referee's fees, etc.	109.00
Harold A. Wilson Co., sporting goods, crests, etc.	145.60
Accounts under $10 (3)	7.71
Superintendent's Dept., labour $7.04; material, $26.52	33.56
Lunchroom Equipment ($253.45):	
Cassidy's Ltd., glassware, dishes	157.23
T. Eaton Co. Ltd., dish cloths	11.04
Hospital Kitchen Equipment, potato peeler	37.24
Interlake Tissue Mills, towels	8.00
Waffle Steak Machine Co., machine	25.00
Superintendent's Dept., labour, $10.90; material, $4.04	14.94
Graduate Courses and Summer Session:	
Instructors ($3,705.00):	
Miss D. Ackerman	125.00
Miss W. G. Barnstead	150.00

Miss B. Bassam	150.00	
Miss A. Cameron	350.00	
F. E. Coombs	475.00	
R. W. B. Jackson (also $1,700 Department of Educational Research)	140.00	
A. A. Martin	125.00	
Miss Annette Marsh	125.00	
A. T. McLachlan	350.00	
F. W. Minkler	140.00	
Miss L. L. Ockley	125.00	
C. E. Phillips	750.00	
Miss M. E. Silverthorn	230.00	
Miss L. H. Smith	95.00	
Miss F. Trotter	75.00	
W. S. Wallace	20.00	
A. H. Wingfield	280.00	
Department of Educational Research:		
Research Assistants ($4,800.00):		
F. W. Minkler, 12 mos.	2,600.00	
R. W. B. Jackson (also $140 as instructor in graduate courses), 12 mos.	1,700.00	
A. J. Bohnen, 12 mos.	500.00	
Secretary:		
Miss K. M. Hobday, 12 mos.	1,900.00	
Clerical Assistants ($2,500.00):		
Miss M. Graham, 12 mos.	1,300.00	
Miss M. Spalding, 12 mos.	1,200.00	
Office Supplies and Printing, etc. ($2,455.71):		
T. Eaton Co., stop watch, stationery	16.16	
D. Gestetner Co., stencils, paper	201.35	
Grand & Toy, paper, cabinet, cupboard	215.10	
Lowe-Martin Co., files, guides, cards	39.59	
Postage	131.00	
Robbins & Townsend, mailing and typewriter maintenance	33.87	
Stephens Sales, paper	15.49	
University Press, binding, printing, stationery	1,630.51	
Accounts under $10 (4)	18.62	
Sundry disbursements by department:		
Stationery, $12.71; sundries, $7.29	20.00	
Superintendent's Dept., freight, $124.89; labour, $1.90; material, $7.23	134.02	
Students' Social Activities ($456.89):		
Callow Bros., binder	1.90	
T. Eaton Co., auditorium rental, trays	130.94	
Jarvis Collegiate Institute, refreshments	19.50	
Robert Simpson Co., chesterfield suite	62.55	
D. L. Mumford, catering	50.00	
U.T.S. Cafeteria, catering	192.00	
Publication of "The School" and distribution in Training Schools:		
"The School," subscriptions	5,000.00	
		$ 75,961.12
		$301,049.46

REPORT

RELATING TO THE REGISTRATION OF

BIRTHS, MARRIAGES AND DEATHS

IN THE

PROVINCE OF ONTARIO

FOR THE

YEAR ENDING 31st DECEMBER

1940

(BEING THE SEVENTY-FIRST ANNUAL REPORT)

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 13, 1941

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1942

SIR:

I have the honour to submit for your approval the Seventy-first Annual Report made in conformity with and under the provisions of the Act respecting the Registration of Births, Marriages and Deaths in the Province of Ontario, for the year ending December 31st, 1940.

I have the honour to be, Sir,

Your obedient servant,

F. V. JOHNS,
Deputy Registrar-General.

TO THE HON. H. C. NIXON,
Registrar-General of Ontario.

TO HIS HONOUR THE LIEUTENANT-GOVERNOR OF THE PROVINCE OF ONTARIO

MAY IT PLEASE YOUR HONOUR:

I herewith beg to present for your consideration the Seventy-first Annual Report of the Registrar-General, relating to the Registration of Births, Marriages and Deaths in the Province of Ontario during the year 1940.

Respectfully submitted,

H. C NIXON,
Registrar-General of Ontario.

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REPORT UPON

Births, Marriages and Deaths

For the Year 1940

BEING THE SEVENTY-FIRST ANNUAL REPORT OF THE REGISTRAR-GENERAL

ESTIMATED POPULATION BY AGE AND SEX
ONTARIO—1940

Age Groups	Male	Female	Totals
Under 1	32,600	31,560	64,160
1	32,790	31,740	64,530
2	34,900	33,950	68,850
3	35,280	34,690	69,970
4	35,670	34,140	69,810
Under 5	**171,240**	**166,080**	**337,320**
5-9	185,050	180,110	365,160
10–14	177,190	171,810	349,000
0–14	**533,480**	**518,000**	**1,051,480**
15–19	179,100	170,510	349,610
20–24	161,850	157,410	319,260
25–29	149,000	141,170	290,170
15–29	**489,950**	**469,090**	**959,040**
30–34	141,130	135,270	276,400
35–39	137,880	132,680	270,560
40–44	129,440	121,240	250,680
30–44	**408,450**	**389,190**	**797,640**
45–49	118,510	107,590	226,100
50–54	100,290	94,480	194,770
55–59	77,090	73,260	150,350
45-59	**295,890**	**275,330**	**571,220**
60–64	63,280	62,740	126,020
65–69	50,620	50,930	101,550
70–74	38,740	39,680	78,420
60-74	**152,640**	**153,350**	**305,990**
75–79	21,670	22,330	44,000
80–84	10,160	11,440	21,600
85–89	3,640	4,800	8,440
90 and over	1,160	1,480	2,640
75 and over	**36,630**	**40,050**	**76,680**
Not stated	580	370	950
Total	**1,917,620**	**1,845,380**	**3,763,000**

The population is distributed as follows:—

Cities, Towns and Villages of 10,000 population and over 1,692,910. Towns and Villages of 5,000 to 10,000 population 204,306. Rural (including all other municipalities) 1,865,784.

BIRTHS

There were registered 68,524 living births during the year 1940, being a rate of 18.2 per 1,000 of population. This being a numerical increase of 4,401.

There were 34,946 boys, or 50.9% of the total number; and 33,578 girls, or 49.0% which represents 96.1 male to 100 female births.

NUMBER OF BIRTHS AND RATE PER 1,000 OF POPULATION

	1940		1939	
	Number	Ratio	Number	Ratio
Province	68,524	18.2	64,123	17.1
Cities	38,804	22.9	34,780	20.7
Towns	4,949	24.2	4,557	23.0
Rural	24,771	13.2	24,786	13.1

NUMBER OF BIRTHS AND RATE FOR 10 YEARS

Year	Number	Ratio	Year	Number	Ratio
1931	69,209	20.2	1936	62,451	16.9
1932	66,842	19.2	1937	61,645	16.6
1933	63,646	18.1	1938	65,564	17.6
1934	62,234	17.5	1939	64,123	17.1
1935	63,069	17.5	1940	68,524	18.2

STILL BIRTHS

Year	Registered as Births	Ratio per 1,000 Total Births	Year	Registered as Births	Ratio per 1,000 Total Births
1921	3,234	41.7	1931	2,652	36.9
1922	3,015	40.5	1932	2,377	34.3
1923	3,028	41.4	1933	2,161	32.7
1924	2,594	34.9	1934	2,091	32.5
1925	2,780	38.1	1935	2,140	32.7
1926	2,812	39.9	1936	2,034	31.5
1927	2,758	39.5	1937	1,988	31.2
1928	2,793	39.2	1938	2,015	29.8
1929	2,730	38.8	1939	1,965	29.7
1930	2,713	36.6	1940	2,037	28.8

BIRTHS

AGE OF MOTHER

Year	12	13	14	15	16	17	18	19	20	21	22	23	24	25	12–25	Others
1931..	2	6	24	104	361	847	1720	2457	2937	3401	3820	3984	4118	4017	27800	41409
1932..	..	3	12	106	308	783	1647	2400	2946	3422	3596	3787	4058	3850	26909	39933
1933..	..	5	24	97	318	750	1661	2334	2843	3220	3421	3631	3765	3791	25350	38296
1934..	..	5	16	79	288	709	1476	2276	2783	3221	3471	3484	3688	3507	25003	37231
1935..	..	3	17	103	312	710	1497	2270	2842	3366	3499	3738	3732	3757	25846	37223
1936..	..	5	25	104	294	691	1497	2269	2946	3391	3629	3682	3745	3666	25944	36507
1937..	..	5	14	97	306	781	1521	2258	2779	3308	3725	3791	3756	3661	26002	35643
1938..	1	9	19	87	342	856	1796	2395	2963	3511	3866	4143	4137	4092	28217	37347
1939..	..	5	16	88	297	829	1655	2567	2851	3303	3681	3995	4183	3968	27438	36685
1940..	1	1	16	94	347	872	1829	2828	3497	3545	3958	4076	4341	4523	29928	38596
Total	4	47	183	959	3173	7828	16299	23954	29387	33628	36666	38311	39523	38822	267447	378870

43.6% of living births were of mothers under 25 years of age and 56.3% of mothers 25 years and over.

ILLEGITIMATE BIRTHS

Rate per 1,000 living Births

Year	Rate	Year	Rate	Year	Rate	Year	Rate
1909	13.9	1917	19.5	1925	26.8	1933	43.8
1910	19.3	1918	21.0	1926	26.9	1934	40.2
1911	19.4	1919	19.8	1927	29.0	1935	41.8
1912	21.3	1920	20.5	1928	31.7	1936	44.6
1913	21.6	1921	21.5	1929	34.6	1937	45.3
1914	22.1	1922	21.2	1930	37.2	1938	46.6
1915	21.9	1923	22.5	1931	40.0	1939	44.9
1916	20.9	1924	24.0	1932	42.3	1940	46.2

ILLEGITIMATE BIRTHS

By Ages of Mothers

Year	12	13	14	15	16	17	18	19	20	21	22	23	24	25	12–25	Over 25	Total	Rate
1931..	2	6	21	71	152	235	292	313	233	229	202	171	137	90	2154	619	2773	40.0
1932..	..	3	10	53	124	212	310	320	286	257	172	165	151	103	2166	668	2834	42.5
1933..	..	4	17	52	144	209	314	331	268	256	200	144	128	97	2164	622	2786	43.8
1934..	..	5	12	38	96	190	226	272	251	233	198	139	123	104	1887	613	2500	40.2
1935..	..	3	16	49	123	186	248	278	259	265	187	184	139	103	2040	602	2642	41.8
1936..	..	5	24	60	107	179	261	298	271	266	225	179	153	121	2149	639	2788	44.6
1937..	..	5	12	58	119	199	244	261	239	260	215	173	142	126	2053	743	2796	45.3
1938..	1	8	13	51	117	213	286	304	275	281	226	219	171	126	2291	770	3061	46.6
1939..	..	5	16	49	120	187	264	291	284	238	218	172	155	159	2158	726	2884	44.9
1940..	1	1	11	45	151	239	288	315	303	273	236	157	184	145	2349	818	3167	46.2
Total	4	45	153	526	1253	2049	2733	2983	2669	2558	2079	1703	1483	1174	21411	6820	28231	.....

In the case of illegitimate births 74.1% of the mothers were under 25 years of age and of the total 3,167 such births, 1,605 or 50.6% were boys and 1,562 or 49.3% girls.

MULTIPLE BIRTHS

There were 728 cases of twin births. Of these 751 were males and 705 females.

There were 5 cases of triplets, 6 boys and 9 girls.

Table 15 will give a detailed explanation of the multiple births.

CONFINEMENTS

Multiple births	733
Single living births	67,139
Single still births	1,951
	69,823

Other tables dealing with births will be found from Table No. 1 to Table No. 15.

MARRIAGES

NUMBER AND RATE PER 1,000 OF POPULATION

	1940		1939	
	Number	Ratio	Number	Ratio
Province	41,229	11.0	34,657	9.2
Cities	25,185	14.8	20,809	12.4
Towns	2,846	13.9	2,249	11.3
Rural	13,198	7.0	11,599	6.1

NUMBER AND RATIO PER 1000 POPULATION FOR 10 YEARS

Year	Marriages	Ratio	Year	Marriages	Ratio
1930	25,605	7.6	1936	27,734	7.5
1931	23,771	6.9	1937	29,893	8.1
1932	22,224	6.4	1938	30,080	8.1
1933	22,587	6.4	1939	34,657	9.2
1934	25,874	7.3	1940	41,229	11.0
1935	26,843	7.5			

The tables dealing with marriages from various angles are numbered 16 to 22.

DIVORCES 1940

930 divorce returns were filed with the Registrar-General in 1940.

333 granted to men and 597 to women.

The above figures are compiled from information sent to the Registrar-General by the Registrars of the Supreme Courts of Ontario.

DEATHS

	1940		1939	
	Number	Ratio	Number	Ratio
Province	38,503	10.2	37,530	10.0
Cities	20,128	11.8	19,130	11.4
Towns	2,630	12.8	2,516	12.7
Rural	15,745	8.4	15,884	8.4

DEATHS AND RATE PER 1,000 OF POPULATION FOR 10 YEARS

Year	Deaths	Ratio	Year	Deaths	Ratio
1931	35,705	10.4	1936	37,571	10.2
1932	36,469	10.5	1937	38,475	10.4
1933	35,301	10.0	1938	36,890	9.9
1934	35,119	9.9	1939	37,530	10.0
1935	36,317	10.1	1940	38,503	10.2

TEN HIGHEST CAUSES OF DEATH IN EACH YEAR PER 100,000 OF POPULATION

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
Organic heart disease	5,818	6,679	6,619	7,066	7,053	7,053	7,226	7,354	7,705	8,546
	169.2	192.1	187.6	198.3	196.1	191.1	194.7	197.0	205.3	227.0
Pneumonia (all forms)	2,305	2,388	2,175	2,145	2,417	2,520	2,595	2,495	2,174	1,977
	67.1	68.7	61.7	60.2	67.2	68.2	69.9	66.8	57.9	52.5
Influenza	1,084	1,544	1,240	580	958	722	1659	618	1,190	611
	31.6	44.4	35.1	16.2	26.6	19.5	44.6	16.5	31.7	16.2
Tuberculosis (all forms)	1,728	1,604	1,465	1,337	1,303	1,327	1,315	1,237	1,085	1,011
	50.4	46.1	41.4	37.5	36.2	35.9	35.4	33.1	28.9	26.8
Cancer	3,726	3,825	4,044	4,034	4,214	4,441	4,547	4,472	4,567	4,847
	108.6	110.0	114.7	113.2	117.2	120.3	122.5	119.8	121.7	128.7
Violent or accidental deaths	*2,819	2,571	2,278	2,535	2,672	3,294	2,851	2,754	2,718	2,926
	82.1	73.9	64.6	71.1	74.2	89.4	76.8	73.8	72.4	77.7
Cerebral hemorrhage, cerebral embolism and thrombosis	1,268	1,259	1,262	1,229	1,025	839	770	790	814	901
	37.0	36.2	35.8	34.5	28.5	22.7	20.7	21.1	21.6	23.9
Diseases of the arteries	3,165	3,559	3,574	3,793	4,109	4,621	4,633	4,745	5,189	5,769
	92.2	102.4	101.4	106.4	114.2	125.2	124.8	127.1	138.2	153.3
Infantile diarrhoea	821	483	571	509	310	362	399	312	253	149
	23.9	13.9	16.2	14.3	8.6	9.8	10.7	8.3	6.7	3.9
Nephritis	1,341	1,810	1,754	1,700	1,848	1,892	1,946	1,900	1,889	1,958
	39.0	52.1	49.7	47.7	51.4	51.2	52.4	50.9	50.3	52.0
Diabetes mellitus	.....	.....	.....	.....	524	566	579	584	657	691
					14.5	15.3	15.6	15.6	17.9	18.3

*Revised.

COMMUNICABLE DISEASES

Rates per 100,000 of population

	1931		1932		1933		1934		1935		1936		1937		1938		1939		1940	
Typhoid fever	99	2.9	58	1.6	51	1.5	49	1.4	39	1.0	40	1.0	35	0.9	39	1.0	19	0.5	27	0.7
Smallpox	1	0.0			1	0.0	...	....	...	...	...	...	..	...	..	...	..	...	....	....
Measles	29	0.8	118	3.3	37	1.0	5	0.1	89	2.5	84	2.3	30	0.8	31	0.8	44	1.1	31	0.8
Scarlet fever	54	1.5	40	1.1	43	1.2	58	1.6	57	1.6	79	2.1	50	1.3	49	1.3	53	1.4	31	0.8
Whooping cough	174	5.0	132	3.7	119	3.3	178	4.7	144	4.0	112	3.0	104	2.8	88	2.3	75	1.9	69	1.8
Diphtheria	157	4.5	89	2.5	40	1.1	23	0.6	33	0.9	31	0.9	30	0.8	11	0.2	13	0.3	14	0.3
Influenza	1084	31.6	1544	44.4	1240	35.1	580	16.2	958	26.6	722	19.5	1659	44.6	618	16.5	1190	31.7	611	16.2
Poliomyelitis	28	0.8	24	0.6	15	0.4	39	1.9	14	0.3	23	0.6	119	3.2	25	0.6	23	0.6	14	0.3

TUBERCULOSIS

The following Table showing deaths and rates over a fifty-year period is shown for comparison and indicates the effectiveness of effort to wipe out this disease.

Year	Number	Rate	Year	Number	Rate
1890.............	2,503	119.4	1920.............	2,280	78.8
1900.............	3,484	160.0	1930.............	1,791	52.8
1910.............	2,291	92.0	1940.............	1,011	26.8

Deaths in Ontario from Tuberculosis by Ages, 1931-1940

Year	Total	Ratio per 100,000	Under 5 years					5-9	10-14	15-19	20-29	30-39	40-49	50-59	60-69	70-79	80 and over	Not stated	Total deaths from all causes.
			0–1	1	2	3	4												
1931	1,728	50.4	25	33	11	16	5	33	46	132	458	337	228	178	134	75	15	2	35,705
1932	1,604	46.1	26	22	14	8	6	32	32	130	387	290	218	212	132	79	16	...	36,469
1933	1,465	41.4	23	28	15	10	10	30	32	101	375	259	223	168	111	68	11	1	35,301
1934	1,337	37.5	14	13	8	14	5	29	23	93	307	260	202	149	135	73	11	1	35,119
1935	1,303	36.2	15	17	12	13	5	25	36	88	264	230	205	186	114	70	12	1	36,317
1936	1,327	35.9	12	24	14	11	5	37	28	93	285	241	202	168	129	65	13	...	37,571
1937	1,315	35.4	19	12	17	6	4	27	28	72	299	230	201	177	132	74	16	1	38,475
1938	1,237	33.1	17	16	8	10	8	24	29	76	246	225	199	160	131	75	11	2	36,890
1939	1,085	28.9	12	7	6	5	8	20	23	64	211	195	144	173	131	72	13	1	37,530
1940	1,011	26.8	9	13	4	5	6	20	21	64	185	175	155	152	127	61	14	—	38,503

TUBERCULOSIS

Number of Deaths in each Age Group and Rate per 100,000 Population

	1935				1936				1937				1938				1939				1940			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Under 1 yr.	11	35.3	4	13.3	11	34.4	1	3.2	10	31.1	9	28.9	10	30.9	7	22.3	7	21.5	5	15.9	3	9.2	6	19.0
1 “	10	31.9	7	22.9	17	53.0	7	22.3	6	18.5	6	19.1	7	21.5	9	27.7	3	9.2	4	12.5	8	24.3	5	15.7
2 yrs.	2	5.9	10	30.8	7	20.4	7	21.0	7	20.2	10	29.8	4	11.5	4	11.8	4	11.4	2	5.9	2	5.7	2	5.8
3 “	8	23.7	5	15.0	10	28.8	1	2.9	3	8.6	3	8.7	3	8.5	7	20.3	1	2.8	4	11.5	2	5.6	3	8.6
4 “	3	8.8	2	6.1	3	8.5	2	5.9	1	2.8	3	8.9	4	11.3	4	11.8	3	8-4	5	14.6	3	8.4	3	8.7
5 to 9 “	16	9.0	19	11.0	24	13.3	13	7.3	13	3.1	14	7.8	9	4.9	15	8.4	11	5.9	9	5.0	15	8.1	5	2.7
10 “ 14 “	20	11.8	16	9.7	13	7.4	15	8.9	11	6.2	17	10.0	11	6.2	18	10.5	8	4.5	15	8.7	4	2.2	17	9.8
15 “ 19 “	35	30.4	53	32.5	37	21.0	56	33.3	29	16.4	43	25.5	28	15.7	48	28.4	24	13.4	40	23.5	33	18.4	31	18.1
20 “ 24 “	46	29.7	87	57.7	60	37.8	86	55.7	61	38.2	101	65.0	50	31.1	72	46.1	43	26.6	50	31.8	36	22.2	51	32.4
25 “ 29 “	53	37.3	78	57.8	57	39.0	82	59.2	56	38.1	81	58.2	54	36.5	70	50.0	52	35.0	66	46.8	34	22.8	64	45.3
30 “ 34 “	61	45.2	62	47.9	60	43.3	60	45.2	62	44.5	49	36.7	67	47.8	56	41.7	50	35.5	55	40.7	42	29.7	46	34.0
35 “ 39 “	60	45.5	47	37.0	76	56.2	45	34.6	71	52.2	48	36.6	69	50.4	33	25.0	53	38.5	37	27.9	52	37.7	35	26.3
40 “ 44 “	85	68.7	43	37.1	64	50.4	35	29.4	64	50.1	34	28.4	54	42.0	38	31.6	57	44.2	27	22.3	55	42.5	29	23.9
45 “ 49 “	50	44.1	27	26.2	64	55.1	39	36.9	79	67.6	24	22.6	69	58.7	38	35.6	39	33.0	21	19.5	51	43.0	20	18.6
50 “ 59 “	126	74.3	60	37.4	123	70.6	45	27.3	136	77.7	41	24.7	108	61.4	52	31.2	133	75.1	40	23.9	109	61.4	43	25.6
60 “ 69 “	75	68.9	39	35.8	80	71.6	49	43.9	87	77.4	45	40.1	82	72.6	49	43.4	87	76.5	44	38.8	80	70.2	47	41.3
70 “ 79 “	40	69.3	30	50.4	38	64.1	27	44.4	39	65.4	35	57.2	42	70.2	33	53.6	42	69.7	30	48.5	35	57.9	26	41.9
80 yrs. and over...	6	41.9	6	35.3	5	32.7	8	45.2	5	33.8	11	62.9	5	33.7	6	34.1	7	46.8	6	34.0	6	40.1	8	45.1
Not stated.	1	.....	...	....	...	.....	...	....	1	....	...	.....	2	.....	...	.....	1	....	...	....	...	.....	...	....
Total......	708	38.6	595	33.7	749	39.8	578	31.9	741	39.1	574	31.5	678	35.6	559	30.5	625	32.6	460	24.9	570	29.7	441	23.9

TUBERCULOSIS

Death Rates from T.B. by Age Groups for 10 Years, 1931-1940

(Rate per 100,000 Population)

	Under 1 Year		1 Year		2 Years		3 Years		4 Years		5–9		10–14		15–19		20–24	
Year	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1931...	57.2	31.4	67.1	44.7	12.6	22.6	21.7	28.4	6.0	9.6	7.6	12.1	11.6	17.1	30.0	53.3	56.9	102.4
1932...	46.5	41.4	46.2	27.1	21.7	22.3	12.2	12.4	12.2	6.3	5.8	13.2	7.3	12.6	30.8	50.1	51.5	77.8
1933...	42.5	34.0	58.6	33.4	27.5	18.8	21.1	9.2	23.9	6.2	9.2	8.3	7.8	11.8	21.4	40.7	48.1	80.6
1934...	19.4	26.7	19.3	23.2	15.1	9.3	20.9	21.3	11.8	3.0	7.9	8.7	5.9	7.9	15.9	40.8	40.4	57.0
1935...	35.3	13.3	31.9	22.9	5.9	30.8	23.7	15.0	8.8	6.1	9.0	11.0	11.8	9.7	30.4	32.5	29.7	57.7
1936...	34.4	3.2	53.0	22.3	20.4	21.0	28.8	2.9	8.5	5.9	13.3	7.3	7.4	8.9	21.0	33.3	37.8	55.7
1937...	31.1	28.9	18.5	19.1	20.2	29.8	8.6	8.7	2.8	8.9	7.1	7.8	6.2	10.0	16.4	25.5	38.2	65.0
1938...	30.9	22.3	21.5	27.7	11.5	11.8	8.5	20.3	11.3	11.8	4.9	8.4	6.2	10.5	15.7	28.4	31.1	46.1
1939...	21.5	15.9	9.2	12.5	11.4	5.9	2.8	11.5	8.4	14.6	5.9	5.0	4.5	8.7	13.4	23.5	26.6	31.8
1940...	9.2	19.0	24.3	15.7	5.7	5.8	5.6	8.6	8.4	8.7	8.1	2.7	2.2	9.8	18.4	18.1	22.2	32.4

	25–29		30–34		35–39		40–44		45–49		50–59		60–69		70–79		80 and Over	
Year	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1931...	82.4	89.2	78.4	69.7	54.0	67.8	63.6	41.6	71.2	30.5	74.7	37.3	69.2	59.8	83.5	51.3	43.9	55.7
1932...	68.3	79.0	71.3	60.8	62.8	33.4	65.3	42.8	50.2	37.3	81.1	51.1	71.2	54.3	69.9	69.5	36.6	65.9
1933...	50.1	85.5	52.9	48.8	55.7	44.2	49.5	40.5	60.4	49.6	65.6	37.5	58.1	46.0	56.5	61.7	65.9	30.0
1934...	56.0	60.6	50.1	57.8	59.7	32.6	52.2	31.3	56.1	31.4	60.1	28.5	78.8	46.3	68.1	59.4	14.1	63.5
1935...	37.3	57.8	45.2	47.9	45.5	37.0	68.7	37.1	44.1	26.2	74.3	37.4	68.9	35.8	69.3	50.4	41.9	35.3
1936...	39.0	59.2	43.3	45.2	56.2	34.6	50.4	29.4	55.1	36.9	70.6	27.3	71.6	43.9	64.1	44.4	32.7	45.2
1937...	38.1	58.2	44.5	36.7	52.2	36.6	50.1	28.4	67.6	22.6	77.7	24.7	77.4	40.1	65.4	57.2	33.8	62.9
1938...	36.5	50.0	47.8	41.7	50.4	25.0	42.0	31.6	58.7	35.6	61.4	31.2	72.6	43.4	70.2	53.6	33.7	34.1
1939...	35.0	46.8	35.5	40.7	38.5	27.9	44.2	22.3	33.0	19.5	75.1	23.9	76.5	38.8	69.7	48.5	46.8	34.0
1940...	22.8	45.3	29.7	34.0	37.7	26.3	42.5	23.9	43.0	18.6	61.4	25.6	70.2	41.3	57.9	41.9	40.1	45.1

DEATHS FROM TUBERCULOSIS, BY PLACE OF OCCURRENCE AND PLACE OF RESIDENCE, 1940

Counties (Exclusive of Cities, Towns and Villages of 5,000 and over.)	Place of Occurrence		Place of Residence	
	Number	Rate	Number	Rate
Addington	...	....	2	26.5
Algoma	6	22.7	11	41.6
Brant	23	83.4	8	29.0
Bruce	7	15.1	10	21.6
Carleton	3	10.3	11	37.7
Cochrane	14	40.0	29	82.9
Dufferin	3	18.5	3	18.5
Dundas	2	11.3	3	16.9
Durham	3	10.6	8	23.3
Elgin	3	9.6	4	12.9
Essex	1	1.6	7	11.5
Frontenac	3	13.5	6	27.1
Glengarry	12	59.0	7	34.4
Grenville	1	5.5	5	27.6
Grey	2	4.0	6	12.1
Haldimand	2	8.5	6	25.7
Haliburton	...	....	...	....
Halton	1	3.4	4	13.8
Hastings	5	11.7	14	33.0
Huron	4	8.0	6	12.0
Kenora	5	20.7	9	37.3
Kent	2	3.8	8	15.4
Lambton	3	7.1	6	14.3
Lanark	4	14.0	8	28.1
Leeds	5	17.3	9	31.2
Lennox	1	7.5	2	15.1
Lincoln	12	38.9	4	12.9
Manitoulin	15	128.5	18	154.2
Middlesex	61	116.2	10	19.0
Muskoka	56	244.0	6	26.1
Nipissing	..	....	7	24.0
Norfolk	2	7.1	8	28.6
Northumberland	5	17.1	7	24.0
Ontario	2	5.8	8	23.4
Oxford	23	65.1	3	8.5
Parry Sound	3	10.6	10	35.4
Peel	1	3.9	4	15.9
Perth	3	7.6	7	17.7
Peterborough	4	16.9	6	25.3
Prescott	8	38.2	9	43.0
Prince Edward	3	16.6	5	27.6
Rainy River	6	44.8	7	52.3
Renfrew	3	7.2	9	21.7
Russell	3	14.7	6	29.5
Simcoe	8	13.1	10	16.4
Stormont	2	9.0	7	31.6
Sudbury	10	32.0	14	44.8
Thunder Bay	7	29.7	24	102.1
Temiskaming	23	132.4	12	69.0
Victoria	3	14.6	3	14.6
Waterloo	16	46.1	4	11.5
Welland	3	7.1	9	21.4
Wellington	2	4.8	4	9.7
Wentworth	94	197.9	4	8.4
York	124	49.3	45	17.9
Patricia	...	....	...	....
Outside of Ontario	...	....	7	....

Cities, Towns and Villages of 5,000 and over.	Place of Occurrence		Place of Residence	
	Number	Rate	Number	Rate
Barrie	1	10.5	3	31.5
Belleville	5	34.0	1	6.8
Brampton	1	17.5	1	17.5
Brantford	3	9.6	7	22.4
Brockville	4	40.0	4	40.0
Chatham	5	29.0	4	23.2
Cobourg	2	36.1	2	36.1
Collingwood	...	....	2	35.4
Cornwall	10	73.2	11	80.5
Dundas	...	....	2	38.9
Eastview	3	41.3	3	41.3
Forest Hill	1	8.2	2	16.4
Fort Erie	2	30.2	3	45.4
Fort Francis	3	51.6	5	86.1
Fort William	33	130.4	9	35.5
Galt	1	6.8	2	13.7
Guelph	1	4.4	3	13.2
Hamilton	15	9.6	29	18.2
Hawkesbury	4	64.5	6	96.7
Ingersoll	...	....	1	18.8
Kenora	4	45.9	2	22.9
Kingston	19	68.0	15	53.7
Kirkland Lake	2	8.5	9	38.6
Kitchener	2	5.8	6	17.5
Leamington	1	16.5	5	82.6
Lindsay	2	26.0	1	13.0
London	17	21.9	20	25.8
Midland	1	15.0	1	15.0
Mimico	...	....	2	27.8
New Toronto	5	56.5	3	33.9
Niagara Falls	2	10.6	3	16.0
North Bay	1	6.2	4	24.8
Orillia	...	....	1	10.9
Oshawa	4	15.9	8	31.9
Ottawa	75	49.9	53	35.2
Owen Sound	...	....	1	7.3
Pembroke	4	37.4	6	56.1
Peterborough	9	36.6	13	52.9
Port Arthur	7	30.8	10	44.0
Port Colborne	1	14.7	3	44.3
Preston	1	15.7	1	15.7
Renfrew	1	19.7	3	59.1
Riverside	...	....	...	....
St. Catharines	...	....	4	13.9
St. Thomas	...	....	3	17.8
Sarnia	3	16.6	7	38.9
Sault Ste. Marie	3	12.3	8	32.8
Simcoe	2	31.5	...	....
Smith's Falls	...	....	4	51.6
Stratford	1	5.8	2	11.7
Sudbury	7	21.3	13	39.7
Swansea	..	....	1	15.1
Thorold	1	19.6	1	19.6
Timmins	1	3.4	12	41.9
Toronto	88	13.5	190	29.3
Trenton	1	13.0	3	39.1
Waterloo	1	11.4	1	11.4
Welland	2	17.3	1	8.6
Weston	...	....	2	36.5
Whitby	4	64.0	...	....
Windsor	27	26.0	17	16.4
Woodstock	1	8.5	1	8.5
Outside of Ontario	...	....	2	....

CANCER

The following Table shows how deaths and the death rate from Cancer have increased in the last half century:

1890 .... 685— 32.7
1900 .... 1,055— 48.8
1910 .... 1,587— 63.8
1920 .... 2,464— 85.3
1930 .... 3,635—107.2
1940 .... 4,847—128.7

CANCER

Number of Deaths and Rate per 100,000 Population by Age Groups

	1936				1937				1938				1939				1940			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	
nder 5 yrs.	10	5.9	6	3.6	11	6.5	6	3.6	5	2.9	6	3.6	12	7.0	1	0.6	6	3.5	5	
5 to 9 yrs.	2	1.1	2	1.1	4	2.1	4	2 2	4	1.0	5	2.8	5	2.7	3	1.6	2	1.0	2	
0 " 14 "	5	2.8	1	0.5	5	2.8	3	1.7	6	3.4	7	4.1	8	4.5	3	1.7	2	1.1	6	
5 " 19 "	6	3.4	5	2.9	6	3.3	5	2.9	7	3.9	4	2.3	3	1.6	3	1.7	15	8.3	4	
0 " 24 "	4	2.5	13	8.4	10	6.2	9	5.7	9	5.6	12	7.6	11	6.8	9	5.7	12	7.4	2	
5 " 29 "	9	6.1	10	7.2	13	8.8	19	13.6	14	9.4	14	10.0	12	8.0	13	9.2	8	5.3	12	
0 " 34 "	19	13.7	31	23.3	19	13.6	39	29.2	20	14.2	43	32.0	14	9.9	37	27.4	20	14.1	40	2
5 " 39 "	31	22.9	66	50.7	35	25.7	63	48.1	32	23.4	77	58.5	29	21.1	56	42.3	34	24.6	68	5
0 " 44 "	55	43.3	124	104.2	70	54.8	103	86.1	56	43.6	117	97.3	47	36.4	109	90.2	59	45.5	131	10
5 " 49 "	83	71.4	173	163.9	108	92.4	162	152.6	99	84.2	174	163.2	101	93.2	157	146.4	105	88.5	178	16
0 " 54 "	162	164.4	222	239.8	167	168.8	237	254.3	154	154.8	215	229.5	173	172.8	227	241.1	176	175.6	271	28
5 " 59 "	202	277.3	262	364.5	219	288.0	258	357.0	186	243.3	290	399.2	227	295.4	266	384.0	276	357.9	288	39
0 " 64 "	238	383.2	302	491.1	300	480.7	274	442.6	262	417.5	266	427.4	280	443.5	308	492.4	296	467.7	290	46
5 " 69 "	326	656.1	320	640.0	319	638.9	305	607.1	333	663.4	320	633.6	308	609.6	315	619.4	342	675.5	330	64
0 " 74 "	338	888.9	306	766.1	332	869.2	337	861.1	329	856.7	322	818.6	357	923.0	320	808.2	357	921.4	339	85
5 " 79 "	295	1392.1	300	1376.1	297	1390.4	307	1394.0	315	1466.4	269	1215.4	303	1531.9	298	1343.5	299	1379.7	303	135
0 " 84 "	182	1832.2	162	1439.9	183	1826.3	150	1329.7	168	1668.2	160	1410.9	186	1732.4	170	1484.7	204	1972.4	170	148
5 " 89 "	63	1726.9	68	1491.1	61	1697.2	71	1500.3	74	2048.1	72	1513.5	74	1989.2	76	1630.8	71	1925.7	78	162
0 " +....	20	1899.3	18	1198.4	13	1145.3	22	1510.9	10	876.4	16	1092.8	18	1682.2	25	1633.8	17	1465.5	27	182
ot stated.	....	......	....	......	1	......	....	......	....	......	....	......	3	......	....	......	2	......	....	...
otal......	2050	109.0	2391	132.1	2173	114.9	2374	130.4	2083	109.5	2389	130.6	2171	113.5	2396	130.2	2303	120.1	2544	13

CANCER

Table showing the distribution of deaths from various types according to class and rates per 100,000 of population as follows:

	1931		1932		1933		1934		1935	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Buccal cavity	183	5.3	155	4.4	192	5.4	172	4.8	167	4.6
Digestive tract	1,889	55.0	1,979	56.9	2,063	58.5	2,092	30.6	2,123	59 0
Respiratory organs	142	4.1	133	3.8	146	4.1	114	3.1	156	4.3
Uterus	281	8.1	321	9.2	325	9.2	374	10.4	353	9.8
Female genital organs	86	2.5	77	2.2	114	3.2	116	3.2	118	3 2
Breast	389	11.3	415	11.9	407	11.5	401	11.2	424	11.7
Male genito-urinary organs	280	8.1	298	8.5	324	9.1	320	8.9	369	10.2
Skin	104	3.0	85	2.4	72	2.0	84	2 3	87	2 4
Not specified organs	372	10.8	362	10.4	401	11.3	361	10.1	417	11.5
Total	3,726	108.6	3,825	110.0	4,044	114 7	4,034	113 2	4,214	117.1

CANCER

Rates per 100,000 of population

	1936		1937		1938		1939		1940	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Buccal cavity	131	3.5	166	4 4	157	4.2	154	4 1	175	4.6
Digestive tract	2,250	59.7	2 314	62 3	2,227	59.5	2,263	60 3	2,388	63.4
Respiratory organs	170	4.6	204	5 4	190	5.0	209	5 5	263	6.9
Uterus	343	9.2	356	9 5	381	10.2	341	9 0	367	9.7
Female genital organs	128	3.4	132	3 5	135	3.6	130	3 4	146	3.8
Breast	525	14.2	464	12.5	496	13.2	532	14 1	533	14.1
Male genito-urinary organs	408	11.0	415	11.1	399	10.6	424	11 2	420	11.1
Skin	99	2.6	89	2.3	83	2.2	94	2.5	85	2.2
Not specified organs	387	10.4	407	10.9	404	10.8	420	11 1	470	12.4
Total	4,441	120.3	4,547	122 5	4,472	119.8	4,567	121 7	4,847	128.7

CANCER

Rates per 100,000 of population

	1936				1937				1938			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Buccal cavity	109	5.7	22	1.2	131	6.9	35	1.9	126	6.6	31	1.6
Digestive tract	1,181	62.8	1,069	59.0	1,247	64.9	1067	58.6	1,200	63.1	1,027	56.1
Respiratory organs	107	5.6	63	3.4	147	7.7	57	3.1	128	6.7	62	3.3
Uterus									......	....	381	20.8
Female genital or-	......	.....	343	17.9	....	......	356	19.5				
gans	......	.....	128	7.0	....	......	132	7.2	....	....	135	7.3
Breast	8	0.4	517	28.5	5	0.2	459	25.2	2	0.1	494	27.0
Male genito-urinary organs	408	21.7	....	......	415	21.9	....	......	399	20.9	....	.....
Skin	66	3.5	33	1.8	52	2.7	37	2.0	46	2.4	37	2.0
Not specified organs	171	9.0	216	11.9	176	9.3	231	12.6	182	9.5	222	12.1
Total	2,050	109.0	2,391	132.1	2.173	114.9	2,374	120.4	2,083	109.5	2,389	120.6

CANCER

Rates per 100,000 of population

	1939				1940			
	Male	Rate	Female	Rate	Male	Rate	Female	Rate
Buccal cavity	132	6.9	22	1.1	152	7.9	23	1.2
Digestive tract	1,217	63.6	1,046	56.8	1,280	66.7	1,108	60.0
Respiratory organs	156	8.1	53	2.8	198	10.3	65	3.5
Uterus	....	....	341	18.5	....	....	367	19.8
Female genital organs	....	....	130	7.0	....	....	146	7.9
Breast	6	0.3	526	28.5	15	0.7	518	28.0
Male genito-urinary organs	424	22.1	....	....	420	21.9	....	....
Skin	57	2.9	37	2.0	46	2.3	39	2.1
Not specified organs	179	9.3	241	13.0	192	10.0	278	15.0
Total	2,171	113.5	2,396	130.2	2,303	120.1	2,544	137.8

CANCER

The following table shows the difference in rates for the years 1920, 1930 and 1940:

	1920		1930		1940	
	No. of Deaths	Rate	No. of Deaths	Rate	No. of Deaths	Rate
Total	2,464	85.0	3,635	109.7	4,847	128.7
Buccal cavity	117	4.0	124	3.7	175	4.6
Stomach and liver	782	27.0	1,200	36.2	2,388	63.4
Peritoneum and intestines	396	13.6	629	18.9		
Female genital organs	234	8.0	400	12.3	513	13.6
Breast	198	6.8	415	12.5	533	14.1
Skin	49	1.7	87	2.6	85	2.2
Other organs	688	23.7	780	23.5	1153	30.6

DEATH RATES BY AGE GROUPS PER 100,000 POPULATION FROM CANCER

	1935-1939		1940	
	No. of Deaths	Rate	No. of Deaths	Rate
Under 30	431	4.4	76	3.7
30–39	783	29.1	162	29.6
40–49	2,152	91.9	473	99.2
50–59	4,299	253.7	1,011	292.8
60–69	5,901	528.2	1,258	552.9
70–79	6,158	1,024.2	1,298	1,060.3
80 and over	2,517	1,526.3	569	1,691.8

INFANT MORTALITY

Deaths of Children Under One Year—Stated Causes of Death

(A) Total Deaths

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean
Total	4,833	4,133	3,804	3,523	3,515	3,416	3,382	3,245	2,979	2,959	3,578.9
1. Whooping cough	117	86	84	122	95	78	59	60	54	47	80.2
2. Influenza	130	102	108	49	88	72	131	65	70	76	89.1
3. Convulsions	55	39	32	34	29	32	22	26	15	17	30.1
4. Respiratory diseases	557	485	419	411	409	426	415	421	362	377	428.2
5. Diseases of digestive tract	815	509	544	507	337	381	411	336	264	163	426.7
6. Malformations	463	481	455	410	415	434	428	446	429	460	442.1
7. Diseases of early infancy	2,276	2,051	1,813	1,660	1,801	1,637	1,618	1,625	1,504	1,529	1,751.4
8. All others	420	380	349	330	341	356	298	266	281	290	331.1

(B) Rate Per 1,000 Living Births

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean
Total	71.0	61.0	59.6	56.6	55.7	54.4	54.5	49.1	46.0	42.9	58.4
1. Whooping cough	1.6	1.2	1.3	1.9	1.5	1.2	0.9	0.9	0.8	0.6	1.1
2. Influenza	1.8	1.3	1.7	0.7	1.4	1.1	2.1	0.9	1.0	1.1	1.3
3. Convulsions	0.7	0.5	0.5	0.5	0.4	0.5	0.3	0.3	0.2	0.2	4.1
4. Respiratory diseases	8.0	7.2	6.5	6.6	6.4	6.8	6.7	6.4	5.6	5.5	6.5
5. Diseases of digestive tract	11.7	7.5	8.5	8.1	5.3	6.1	6.6	5.1	4.1	2.3	6.5
6. Malformations	8.4	7.1	7.1	6.6	6.6	6.9	6.9	6.8	6.6	6.7	6.9
7. Diseases of early infancy	32.8	30.6	28.5	26.9	28.6	26.2	26.2	24.7	23.4	22.3	27.0
8. All others	6.0	5.6	5.5	5.3	5.5	5.6	4.8	4.0	4.3	4.2	5.0

Of these infant deaths:

745 or 25.17 per cent. lived less than one day.
716 or 24.19 per cent. lived less than one week.
344 or 11.62 per cent. lived less than one month.
407 or 13.75 per cent. lived less than three months.
386 or 13.04 per cent. lived less than six months.
208 or 7.02 per cent. lived less than nine months.
153 or 5.17 per cent. lived less than one year.

INFANT MORTALITY IN CITIES, TOWNS AND VILLAGES OF 10,000 AND OVER. ONTARIO, 1936-1940.

Cities	Deaths Under 1 Year					Rate per 1000 Live Births				
	1936	1937	1938	1939	1940	1936	1937	1938	1939	1940
Belleville	31	18	24	32	37	72.0	47.2	48.6	66.9	60.9
Brantford	31	31	33	38	24	46.5	51.1	56.5	62.0	36.3
Chatham	28	29	59	32	41	48.4	43.0	77.2	41.5	46.0
Cornwall	50	52	29	35	42	88.8	89.5	47.3	56.6	63.8
Forest Hill	.....	.....	.....	1	1	.....	.....	.....	250.0	125.0
Fort William	27	14	21	24	27	55.6	27.8	39.3	47.1	47.2
Galt	10	7	14	10	14	37.4	23.7	43.6	35.3	40.1
Guelph	11	13	12	12	11	36.7	43.9	36.2	44.4	40.1
Hamilton	115	106	112	90	105	41.6	38.1	37.4	30.8	32.6
Kingston	46	34	50	40	40	68.2	46.9	66.2	51.0	45.5
Kirkland Lake	34	45	34	31	39	67.4	73.2	46.9	40.5	45.4
Kitchener	34	34	46	29	33	45.7	46.3	57.7	37.4	36.9
London	77	54	72	80	67	54.6	36.6	45.3	49.1	36.2
Niagara Falls	9	14	17	15	16	23.4	34.4	40.3	36.3	32.9
North Bay	28	27	28	17	16	71.4	70.1	67.3	38.6	40.1
Oshawa	31	31	29	17	33	59.1	58.0	49.8	33.7	56.7
Ottawa	267	255	191	163	180	84.8	85.4	60.8	53.3	48.8
Owen Sound	12	17	17	23	21	36.6	52.1	46.7	65.5	56.1
Pembroke	24	25	26	19	21	77.4	96.8	99.9	57.7	64.8
Peterborough	45	27	31	33	32	72.4	42.9	44.2	46.8	44.4
Port Arthur	21	20	40	40	25	38.8	35.3	61.6	63.6	38.8
St. Catharines	34	19	33	31	24	58.9	33.2	51.4	43.7	32.3
St. Thomas	17	10	18	8	18	58.4	33.7	43.9	18.1	32.6
Sarnia	22	22	21	22	22	50.8	52.6	42.9	48.4	41.9
Sault Ste. Marie	40	40	37	31	35	72.2	76.6	59.2	51.4	52.1
Stratford	9	18	14	16	15	25.8	48.6	32.9	41.5	34.4
Sudbury	73	80	74	81	94	74.5	68.6	55.8	55.8	56.4
Timmins	55	74	57	51	50	80.0	91.1	65.2	57.3	49.2
Toronto	527	472	500	438	424	50.6	49.9	47.5	67.4	38.1
Welland	18	15	18	17	21	57.5	48.3	49.4	46.4	48.9
Windsor	93	103	79	76	88	44.0	51.1	35.5	35.4	36.9
Woodstock	8	14	14	14	17	33.8	51.2	49.4	50.4	49.2

PUERPERAL

DEATHS FROM SPECIFIED PUERPERAL CAUSES PER 100 DEATHS FROM ALL PUERPERAL CAUSES BY AGES—1940

Total	10–54		10–14		15–19		20–24		25–29		30–34		35–39		40–44		45–49		50–54	
Total puerperal causes.	254	100.0	....		21	100.0	31	100.0	58	100.0	62	100.0	53	100.0	24	100.0	4	100.0	1	100.0
Abortion with septic condition...........	33	12.99	....		4	19.04	1	3.22	11	18.96	8	12.90	6	11.32	3	12.50	....		....	
Abortion without septic condition..........	10	3.93	....		....		1	3.22	2	3.44	3	4.83	4	7.54	....		....		....	
Ectopic gestation.....	9	3.54	....		....		1	3.22	1	1.72	2	3.22	5	9.43	....		....		....	
Other accidents of pregnancy.............	3	1.18	....		....		....		1	1.72	....		....		2	8.33	....		....	
Puerperal hemorrhage .	25	9.84	....		1	4.76	3	9.67	3	5.17	7	11.29	8	15.09	2	8.33	....		1	100.00
Puerperal septicemia...	35	13.77	....		6	28.57	5	16.12	9	15.51	10	16.39	1	1.88	3	12.50	1	35.00	....	
Puerperal albuminuria.	56	22.04	....		4	19.04	12	38.70	15	25.86	9	14.75	12	22.69	4	16.66	....		....	
Other toxemias of pregnancy.............	15	5.90	....		5	23.80	1	3.22	4	6.89	2	3.22	2	3.77	....		1	25.00	....	
Puerperal phlegmasia..	47	18.50	....		....		5	16.12	10	17.24	14	22.58	9	16.98	7	29.26	2	50.00	....	
Other accidents of childbirth.............	19	7.48	....		1	4.76	2	6.45	1	1.72	6	6.77	6	11.32	3	12.50	....		....	
Others or not specified .	2	0.78	....		....		....		1	1.72	1	1.61	....		....		....		....	

DEATHS FROM PUERPERAL CAUSES AND FROM ALL CAUSES OF FEMALE DEATHS

(Showing percent from Puerperal Causes)

Ages 1940	All Causes	Puerperal	% 1940	1931	1932	1933	1934	1935	1936	1937	1938	1939	Mean
10–14	143	......	....	....	....	1.36	0.66	0.65	....	0.68	....	....	0.33
15–19	173	21	12.13	7.95	9.99	5.24	8.22	5.83	9.04	8.86	9.18	9.85	8.62
20–24	209	31	14.83	12.42	15.72	20.28	19.38	16.82	19.59	16.52	15.78	23.18	17.45
25–29	283	58	20.49	20.92	20.15	19.80	22.53	18.93	22.75	20.00	19.35	18.77	20.36
30–34	324	62	19.13	21.15	17.83	21.92	20.26	19.07	20.14	20.02	17.26	18.83	19.56
35–39	396	53	13.38	12.98	13.21	13.72	13.33	15.32	13.74	14.91	10.97	16.23	13.77
40–44	466	24	5.15	7.01	6.18	5.20	6.59	4.31	7.54	4.78	4.60	5.96	5.73
45–49	601	4	0.66	0.95	0.89	0.43	0.82	0.48	0.47	0.44	0.15	0.47	5.76
50–54	880	1	0.11	....	....	....	....	....	....	....	....	....	....
55–59	1038	......	....	....	....	....	....	....	....	....	0.95	....	....

NUMBER OF PUERPERAL DEATHS AND RATE PER 1,000 LIVING BIRTHS

	Province			Cities			Towns			Rural		
	Births	Deaths	Rate	Births	Deaths	Rate	Births	Deaths	Rate	Births	Deaths	Rate
1931...	69,209	372	5.4	33,217	213	6.4	5,998	49	8.1	29,994	110	3.6
1932...	66,842	343	5.0	33,018	208	6.3	4,178	36	8.6	29,646	99	3.3
1933...	63,646	346	5.4	31,107	203	6.5	4,114	25	6.0	28,425	118	4.1
1934...	62,234	348	5.6	30,309	210	6.9	3,876	27	6.9	28,049	111	3.9
1935...	63,069	313	4.9	31,700	246	7.7	3,943	24	6.0	27,426	43	1.5
1936...	62,451	355	5.6	32,425	211	6.5	4,044	24	5.9	25,982	120	4.6
1937...	61,645	319	5.1	32,420	195	6.0	4,164	30	7.2	25,051	94	3.7
1938...	65,564	251	3.8	35,194	155	4.4	4,542	26	5.7	25,828	70	2.7
1939...	64,123	276	4.4	34,780	179	5.1	4,557	22	4.8	24,780	75	3.0
1940...	68,524	254	3.7	38,804	150	3.8	4,949	26	5.2	24,771	78	3.1

MATERNAL MORTALITY, ONTARIO, 1940

Cities, Towns and Villages (5,000 population and over)	Total.		Institutional		Non-institutional	
	Live births	Deaths from puerperal causes	Live births	Deaths from puerperal causes	Live births	Deaths from puerperal causes
Barrie	327	1	284	1	43	...
Belleville	607	4	565	3	42	1
Brampton	228	...	216	...	12	...
Brantford	660	1	543	1	117	...
Brockville	377	7	362	6	15	1
Chatham	890	1	782	1	108	...
Cobourg	161	...	124	...	37	...
Collingwood	184	2	147	2	37	...
Cornwall	658	2	526	2	132	...
Dundas	17	...	...	...	17	...
Eastview	153	...	...	...	153	...
Forest Hill	8	...	...	...	8	...
Fort Erie	168	...	145	...	23	...
Fort Francis	138	1	43	1	95	...
Fort William	572	5	507	4	65	1
Galt	349	1	280	1	69	...
Guelph	274	3	231	3	43	...
Hamilton	3,212	9	2,794	9	418	...
Hawkesbury	224	2	71	1	153	1
Ingersoll	179	1	126	1	53	...
Kenora	282	...	276	...	6	...
Kingston	879	1	815	1	64	...
Kirkland Lake	859	4	604	4	255	...
Kitchener	893	6	777	6	116	...
Leamington	206	1	120	1	86	...
Lindsay	297	3	264	2	33	1
London	1,849	7	1,653	7	196	...
Midland	209	...	171	...	38	...
Mimico	102	...	73	...	29	...
New Toronto	52	...	1	...	51	...
Niagara Falls	486	1	441	1	45	...
North Bay	399	1	265	1	134	...
Orillia	338	3	227	3	111	...
Oshawa	581	6	463	6	118	...
Ottawa	3,686	13	3,221	13	465	...
Owen Sound	374	1	258	1	116	...
Pembroke	324	4	220	4	104	...
Peterborough	720	2	640	2	80	...
Port Arthur	644	2	626	2	18	...
Port Colborne	94	1	...	...	94	1
Preston	48	...	...	...	48	...
Renfrew	193	1	149	...	44	1
Riverside	28	...	...	...	28	...
St. Catharines	743	4	594	4	149	...
St. Thomas	552	4	532	4	20	...
Sarnia	525	2	462	2	63	...
Sault Ste. Marie	671	5	498	3	173	2
Simcoe	375	1	345	1	30	...
Smiths Falls	181	...	165	...	16	...
Stratford	436	2	376	2	60	...
Sudbury	1,664	10	1,066	9	598	1
Swansea	6	...	...	...	6	...
Thorold	74	...	52	...	22	...
Timmins	1,015	1	412	1	603	...
Toronto	11,118	38	9,712	34	1,406	4
Trenton	129	...	1	...	128	...
Waterloo	56	1	...	...	56	1
Welland	429	2	351	2	78	...
Weston	108	...	65	...	43	...
Whitby	15	1	...	1	15	...
Windsor	2,382	6	1,744	6	638	...
Woodstock	345	2	314	2	31	...
Total cities, towns and villages of 5,000 and over	43,753	176	35,699	161	8,054	15
Remainder of Province	24,771	78	6,862	42	17,909	36
Grand total	68,524	254	42,561	203	25,963	51

DEATHS OF WOMEN NOT CLASSIFIED TO PREGNANCY OR CHILD-BEARING BUT RETURNED AS ASSOCIATED THEREWITH, ONTARIO, 1940

Int. List No.	Causes of Death	Number
7	Measles	1
11	Influenza	3
15	Erysipelas	1
23	Tuberculosis of the respiratory system	2
34	Syphilis	3
44a	Chicken-pox	1
48a	Cancer of the uterus	1
54e	Non-malignant tumours of the thyroid gland	1
56	Acute rheumatic fever	2
72a	Leukaemia	1
73	Diseases of the spleen	1
78	Encephalitis (non-epidemic)	1
93c	Chronic myocarditis and myocardial degeneration	1
107a	Bronchopneumonia	2
108	Lobar pneumonia	2
109	Pneumonia, unspecified	1
117a	Ulcer of the stomach	1
121	Appendicitis	1
163–171	Suicides	1
173–175	Homicides	5
177	Food poisoning	1
186	Accidental injury by fall, crushing or landslide	1
	Total	34

SPECIAL CLASSES OF ACCIDENTAL DEATHS IN ONTARIO, 1940

(Included also under the numbers of the International List.)

Int. List No.	Cause of Death	Male	Female
	A.—Accidents in mines and quarries	41	..
178	Accidental absorption of toxic gases	2	..
182	Accidental mechanical suffocation	1	..
186	Accidental injury by fall, crushing or landslide	34	..
193	Accidents due to electric currents	2	..
194	Other accidents	2	..
	B.—Accidents caused by machines	55	..
183	Accidental drowning	1	..
185	Accidental injury by cutting or piercing instruments	8	..
186	Accidental injury by fall, crushing or landslide	44	..
194	Other accidents	2	..
	C.—Railway accidents	81	2
178	Accidental absorption of toxic gases	1	..
180	Conflagration	1	..
181	Accidental burns (conflagration excepted)	3	..
186	Accidental injury by fall, crushing or landslide	76	2
	D.—Street-car accidents	7	9
186	Accidental injury by fall, crushing or landslide	7	8
194	Other accidents	..	1
	E.—Automobile and motorcycle accidents	567	189
178	Accidental absorption of toxic gases	6	..
180	Conflagration	1	..
181	Accidental burns (conflagration excepted)	1	..
183	Accidental drowning	15	5
185	Accidental injury by cutting or piercing instruments	2	1
186	Accidental injury by fall, crushing or landslide	539	183
193	Accidents due to electric currents	1	..
194	Other accidents	2	..
	F.—Other land transportation	22	3
186	Accidental injury by fall, crushing or landslide	18	3
194	Other accidents	4	.
	G.—Water transportation	65	5
183	Accidental drowning	58	5
186	Accidental injury by fall, crushing or landslide	4	..
190	Excessive cold	2	..
191	Excessive heat	1	..
	H.—Air transportation	49	2
180	Conflagration	2	..
183	Accidental drowning	1	..
186	Accidental injury by fall, crushing or landslide	46	2

VIOLENT OR ACCIDENTAL DEATHS (EXCLUDING SUICIDES)

RATES PER 100,000 OF POPULATION

	1931		1932		1933		1934		1935		1936		1937		1938		1939		1940	
Automobiles	574	16.72	497	14.30	416	11.80	528	14.81	571	15.87	564	15.28	774	20.85	677	18.14	682	18.17	756	20.09
Burns	117	3.41	124	3.56	114	3.23	115	3.22	109	3.03	113	3.06	103	2.77	107	2.86	81	2.15	75	1.99
Drowning	369	10.73	361	10.38	314	8.91	271	7.68	269	7.47	230	6.23	305	8.21	287	7.69	278	7.40	276	7.33
Railroads	105	3.06	97	2.79	86	2.44	91	2.55	83	2.30	97	2.62	93	2.50	67	1.79	79	2.10	83	2.20
All Other Accidents	1228	35.78	1069	30.75	982	27.86	1170	32.83	1273	35.39	1892	51.27	1210	32.59	1256	33.66	1241	33.07	1396	37.09

SUICIDES

In 1940 there were 340 suicides. The rate per 100,000 of population was 9.0, just 0.5 less than for 1939.

Of these, 243 or 71.47 were males and 97 or 28.52 females.

	Total		Under 20		20-39		40-59		60 and over	
	No.	%	No.	%	No.	%	No.	%	No.	%
Males....	243	100	2	0.8	76	31.27	109	44.85	56	23.04
Females..	97	100	2	2.06	40	41.23	38	39.17	17	17.52
Total..	340	100	4	1.17	116	34.11	147	43.23	73	21.47

Method of suicide over a ten-year period is shown in the following table

	Total	Rate	Poison	Gas	Hanging	Drowning	Shooting	Cutting	Jumping	Crushing	Others
1930	404	11.9	102	38	90	50	70	33	13	4	4
1931	426	12.4	103	33	95	68	74	24	23	3	3
1932	423	12.2	92	53	74	66	92	29	13	4	....
1933	366	10.3	86	41	88	38	68	29	12	1	3
1934	360	1C.1	90	31	61	55	71	32	11	4	5
1935	367	10.2	73	41	82	43	63	27	27	5	6
1936	398	10.7	68	33	90	65	79	25	23	6	9
1937	366	9.8	71	36	75	53	72	26	23	3	7
1938	360	9.6	71	41	81	46	64	21	26	5	5
1939	357	9.5	60	38	84	48	77	24	13	7	6
1940	340	9.0	42	42	91	43	81	18	14	4	5

Table 1—General Summary of Births, Deaths and Marriages in the Province of Ontario by County Municipalities (including Cities, Towns, and Villages), 1940

COUNTIES	Estimated population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	3,763,000	68,524	34,946	33,578	18.2	38,503	20,923	17,580	1,685	1,274	343	265	18,895	16,041	10.2	2,037	41,229	11.0
Addington	7530	136	67	69	18.0	72	48	24	4	2	2	...	42	22	9.5	...	61	8.1
Algoma	50800	1083	534	549	21.3	429	238	191	31	23	5	8	202	160	8.4	34	549	10.8
Brant	58700	998	494	504	17.0	636	335	301	17	17	7	1	311	283	10.8	28	652	11.1
Bruce	46290	721	360	361	15.5	447	248	199	20	19	2	3	226	177	9.6	20	364	7.8
Carleton	186640	4098	2067	2031	21.9	2210	1131	1079	112	91	30	23	989	965	11.8	122	2491	13.3
Cochrane	63600	2416	1230	1186	37.9	487	306	181	76	52	15	13	215	116	7.6	80	788	12.3
Dufferin	16180	250	127	123	15.4	183	94	89	7	6	...	...	87	83	11.3	9	127	7.8
Dundas	17690	266	122	144	15.0	159	89	70	11	3	...	...	78	67	8.9	11	136	7.6
Durham	28220	344	183	161	12.1	280	142	138	8	4	...	...	134	134	9.9	15	191	6.7
Elgin	47790	803	405	398	16.8	532	265	267	13	14	4	3	248	250	11.1	22	537	11.2
Essex	175360	3353	1759	1594	19.1	1322	722	600	72	52	9	8	641	540	7.5	74	1832	10.4
Frontenac	50050	1047	530	517	20.9	830	472	358	29	19	8	7	435	332	16.5	27	597	11.9
Glengarry	20320	287	129	158	14.1	168	94	74	10	5	2	...	82	69	8.2	11	158	7.7
Grenville	18060	157	82	75	8.6	177	93	84	3	2	3	1	87	81	9.8	7	133	7.3
Grey	63220	1026	509	517	16.2	694	389	305	30	26	6	3	353	276	10.9	32	532	8.4
Haldimand	23330	338	159	179	14.4	243	127	116	2	5	2	2	123	109	10.4	6	197	8.4
Haliburton	6400	160	84	76	25.0	80	55	25	9	6	...	3	46	16	12.5	1	36	5.6
Halton	28970	247	134	113	8.5	228	125	103	2	1	2	3	121	99	7.8	5	258	8.9
Hastings	64720	1366	721	645	21.1	657	352	305	33	37	3	6	316	262	10.1	59	681	10.5
Huron	49670	769	420	349	15.4	572	310	262	23	5	2	3	285	254	11.5	24	390	7.8
Kenora	24090	547	290	257	22.7	230	148	82	18	10	6	8	124	64	9.5	20	230	9.5
Kent	68860	1399	716	683	20.3	741	398	343	33	22	11	4	354	317	10.7	42	762	11.0
Lambton	59830	1008	512	496	16.8	631	328	303	25	19	1	1	302	283	10.5	27	525	8.7
Lanark	36120	631	315	316	17.1	409	198	211	10	15	2	...	186	196	11.3	14	282	7.8
Leeds	38760	756	360	396	19.5	547	285	262	20	13	12	1	253	248	14.1	29	377	9.7
Lennox	13170	108	59	49	8.2	115	55	60	...	1	1	...	54	59	8.7	3	121	9.1
Lincoln	59450	1037	526	511	17.4	604	318	286	14	16	4	3	300	267	10.1	26	740	12.4
Manitoulin	11670	263	144	119	22.5	121	72	49	13	5	5	3	54	41	10.3	6	81	6.9
Middlesex	129820	2275	1164	1111	17.5	1718	911	807	49	30	11	11	851	766	13.2	70	1550	11.9
Muskoka	22950	387	188	199	16.8	255	167	88	10	8	1	3	156	77	11.1	11	223	9.7
Nipissing	45160	1099	558	541	24.3	393	250	143	36	23	7	8	207	112	8.7	28	446	9.8
Norfolk	34240	715	353	362	20.8	368	210	158	20	24	5	2	185	132	10.7	17	268	7.8
Northumberland	34620	455	235	220	13.1	389	206	183	10	11	2	1	194	171	11.2	23	293	8.4
Ontario	65480	889	458	431	13.5	692	346	346	23	20	2	2	321	324	10.5	34	548	8.3
Oxford	52310	1036	548	488	19.7	670	367	303	33	14	2	2	332	287	12.8	34	515	9.8
Parry Sound	28230	623	320	303	22.0	291	169	122	17	18	5	6	147	98	10.3	20	250	8.8
Peel	30860	349	177	172	11.3	263	146	117	14	1	4	...	128	116	8.5	11	277	8.9
Perth	56440	869	466	403	15.3	560	283	277	21	13	4	7	258	257	9.9	23	526	9.3
Peterborough	48170	901	470	431	18.7	578	296	282	20	21	7	2	269	259	11.9	34	479	9.9
Prescott	27090	678	358	320	25.0	270	135	135	24	14	6	7	105	114	9.9	14	219	8.0
Prince Edward	18060	268	127	141	14.8	202	110	92	7	6	2	...	101	86	11.0	8	120	6.6
Rainy River	19190	454	216	238	23.6	127	80	47	11	8	4	1	65	38	6.6	17	163	8.4
Renfrew	57200	1045	526	519	18.2	569	312	257	34	27	3	6	275	224	9.9	52	568	9.9
Russell	20320	369	192	177	18.1	129	74	55	14	4	...	3	60	48	6.3	8	149	7.3
Simcoe	91820	1667	809	858	18.1	1095	602	493	36	34	6	5	560	454	11.9	73	918	9.9
Stormont	35750	1067	541	526	29.8	454	244	210	25	30	7	4	212	176	12.6	36	411	11.4
Sudbury	63970	2633	1358	1275	41.1	614	356	258	82	69	17	14	257	175	9.5	60	862	13.4
Thunder Bay	71500	1528	772	756	21.3	644	373	271	33	32	7	12	333	227	9.0	30	1003	14.2
Timiskaming	40640	1592	809	783	39.1	408	266	142	51	40	13	4	202	98	10.0	42	598	14.7
Victoria	28220	457	244	213	16.1	350	197	153	14	7	4	...	179	146	12.4	23	313	11.0
Waterloo	98590	1682	818	864	17.0	957	498	459	40	20	7	6	451	433	9.7	54	1102	11.1
Welland	90690	1576	805	771	17.3	819	495	324	40	29	6	4	449	291	9.0	39	1090	12.0
Wellington	63590	1022	530	492	16.0	627	328	299	23	9	4	4	301	286	9.8	24	557	8.7
Wentworth	208470	3385	1717	1668	16.2	2161	1186	975	65	43	12	9	1109	923	10.3	108	2543	12.2
York	939620	13834	7123	6711	14.7	9082	4867	4215	288	228	50	34	4529	3953	9.6	388	11367	12.0
District of Patricia	4,510	55	26	29	12.1	14	12	2	...	1	1	1	11	....	3.1	2	43	9.5

Table 2—Number of Births, Deaths and Marriages, and the ratio per 1,000 of population in each County (excluding Cities, Towns, and Villages of 5,000 population and over), Ontario, 1940

COUNTIES	Estimated population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total, including all municipalities......	3,763,000	68,524	34,946	33,578	18.2	38,503	20,923	17,580	1,685	1,274	343	265	18,895	16,041	10.2	2,037	41,229	11.0
Total, excluding cities, towns and villages of 5,000 and over..	1,865,784	24,771	12,551	12,220	13.2	15,745	8,693	7,052	646	464	153	108	7,894	6,480	8.4	679	13,198	7.0
Addington...........	7530	136	67	69	18.0	72	48	24	4	2	2	...	42	22	9.5	..	61	8.1
Algoma..............	26420	412	204	208	15.5	187	111	76	13	6	3	5	95	65	7.0	9	163	6.1
Brant...............	27565	338	184	154	11.2	249	126	123	6	4	3	..	117	119	9.0	9	143	5.1
Bruce...............	46290	721	360	361	15.5	447	248	199	20	19	2	3	226	177	9.6	20	364	7.8
Carleton............	29111	259	131	128	8.8	247	132	115	12	5	1	2	119	108	8.4	8	269	9.2
Cochrane............	34970	1401	707	694	40.0	288	185	103	47	31	10	10	128	62	8.2	45	401	11.4
Dufferin............	16180	250	127	123	15.4	183	94	89	7	6	..	...	87	83	11.3	9	127	7.8
Dundas..............	17690	266	122	144	15.0	159	89	70	11	3	...	...	78	67	8.9	11	136	7.6
Durham..............	28220	344	183	161	12.1	280	142	138	8	4	...	...	134	134	9.9	15	191	6.7
Elgin...............	30973	251	117	134	8.1	269	136	133	5	4	2	2	129	127	8.6	6	249	8.0
Essex...............	60433	737	386	351	12.1	354	193	161	15	12	4	1	174	148	5.8	9	364	6.0
Frontenac...........	22126	168	87	81	7.7	227	127	100	3	5	2	1	122	94	10.2	5	125	5.6
Glengarry...........	20320	287	129	158	14.1	168	94	74	10	5	2	...	82	69	8.2	11	158	7.7
Grenville...........	18060	157	82	75	8.6	177	93	84	3	2	3	1	87	81	9.8	7	133	7.3
Grey................	49530	652	325	327	13.1	514	291	223	18	17	3	2	270	204	10.3	20	313	6.3
Haldimand...........	23330	338	159	179	14.4	243	127	116	2	5	2	2	123	109	10.4	6	197	8.4
Haliburton..........	6400	160	84	76	25.0	80	55	25	9	6	...	3	46	16	12.5	1	36	5.6
Halton..............	28970	247	134	113	8.5	228	125	103	2	1	2	3	121	99	7.8	5	258	8.9
Hastings............	42387	630	350	280	14.8	345	187	158	10	18	2	2	175	138	8.1	20	297	7.0
Huron...............	49670	769	420	349	15.4	572	310	262	23	5	2	3	285	254	11.5	24	390	7.8
Kenora..............	15380	265	136	129	17.2	129	79	50	13	7	5	7	61	36	8.3	5	120	7.8
Kent................	51653	509	259	250	9.8	383	204	179	10	4	6	1	188	174	7.4	8	432	8.3
Lambton.............	41839	483	241	242	11.5	389	198	191	11	11	1	...	186	180	9.2	10	288	6.8
Lanark..............	28379	450	219	231	15.8	309	154	155	6	13	2	...	146	142	10.8	12	201	7.0
Leeds...............	28764	379	166	213	13.1	319	161	158	8	3	4	1	149	154	11.0	15	220	7.6
Lennox..............	13170	108	59	49	8.2	115	55	60	...	1	1	...	54	59	8.7	3	121	9.1
Lincoln.............	30825	294	151	143	9.5	286	156	130	3	3	1	2	152	125	9.2	5	271	8.7
Manitoulin..........	11670	263	144	119	22.5	121	72	49	13	5	5	3	54	41	10.3	6	81	6.9
Middlesex...........	52451	426	225	201	8.1	560	327	233	9	3	3	1	315	229	10.6	9	318	6.0
Muskoka.............	22950	387	188	199	16.8	255	167	88	10	8	1	3	156	77	11.1	11	223	9.7
Nipissing...........	29088	700	351	349	24.0	205	129	76	26	17	5	4	98	55	7.0	15	248	8.5
Norfolk.............	27900	340	153	187	12.1	244	139	105	10	11	2	...	127	94	8.7	10	190	6.8
Northumberland......	29090	294	156	138	10.1	260	136	124	6	11	1	1	129	112	8.9	12	188	6.4
Ontario.............	34189	293	153	140	8.5	295	155	140	7	2	2	1	146	137	8.6	14	218	6.3
Oxford..............	35294	512	258	254	14.5	315	168	147	15	7	1	1	152	139	8.9	20	267	7.5
Parry Sound.........	28230	623	320	303	22.0	291	169	122	17	18	5	6	147	98	10.3	20	250	8.8
Peel................	25158	121	58	63	4.8	177	99	78	9	1	4	...	86	77	7.0	3	213	8.4
Perth...............	39400	433	236	197	10.9	319	156	163	10	9	3	1	143	153	8.0	15	263	6.6
Peterborough........	23640	181	95	86	7.6	174	93	81	4	5	3	1	86	75	7.3	8	104	4.3
Prescott............	20890	454	242	212	21.7	190	98	92	16	10	3	4	79	78	9.0	5	142	6.7
Prince Edward.......	18060	268	127	141	14.8	202	110	92	7	6	2	...	101	86	11.0	8	120	6.6
Rainy River.........	13384	316	146	170	23.6	80	52	28	7	6	3	...	42	22	5.9	8	48	3.5
Renfrew.............	41444	528	258	270	12.7	294	165	129	17	15	2	...	146	114	7.0	23	294	7.0
Russell.............	20320	369	192	177	18.1	129	74	55	14	4	...	3	60	48	6.3	8	149	7.3
Smcoe...............	60840	609	311	298	10.0	535	292	243	10	8	4	3	278	232	8.7	21	417	6.8
Stormont............	22100	409	192	217	18.5	198	109	89	7	6	4	1	98	82	8.9	11	96	4.3
Sudbury.............	31239	969	504	465	31.0	289	172	117	33	24	6	6	133	87	9.2	17	302	9.6
Thunder Bay.........	23501	312	165	147	13.2	131	91	40	5	8	2	4	84	28	5.5	4	142	6.0
Timiskaming.........	17378	733	356	377	42.1	269	180	89	32	20	7	2	141	67	15.4	26	273	15.7
Victoria............	20534	160	91	69	7.7	175	99	76	3	3	...	...	96	73	8.5	4	152	7.4
Waterloo............	34690	336	159	177	9.6	264	133	131	7	4	3	3	123	124	7.6	8	327	9.4
Welland.............	41937	325	147	178	7.7	266	165	101	12	3	2	1	151	97	6.3	5	289	6.8
Wellington..........	40988	748	383	365	18.2	421	220	201	15	6	3	4	202	191	10.2	18	238	5.8
Wentworth...........	47494	156	77	79	3.2	394	218	176	1	1	...	1	217	174	8.2	2	258	5.4
York................	251230	2440	1249	1191	9.7	1459	773	686	45	40	11	2	717	644	5.8	68	1317	5.2
District of Patricia...	4510	55	26	29	12.1	14	12	2	...	1	1	1	11	....	3.1	2	43	9.5

Table 3—General Summary of Births, Deaths and Marriages in the Province of Ontario for Cities, Towns, and Villages of 10,000 Population and Over, 1940

CITIES, TOWNS, AND VILLAGES	Estimated Population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	1,692,910	38,804	19,873	18,931	22.9	20,128	10,801	9,327	915	718	163	141	9,723	8,468	11.8	1,168	25,185	14.8
Belleville	14678	607	310	297	41.3	261	143	118	20	17	1	3	122	98	17.9	37	234	15.9
Brantford	31135	660	310	350	21.2	387	209	178	11	13	4	1	194	164	12.4	19	509	16.3
Chatham	17207	890	457	433	51.7	358	194	164	23	18	5	3	166	143	20.8	34	330	19.1
Cornwall	13650	658	349	309	48.2	256	135	121	18	24	3	3	114	94	18.7	25	315	23.0
Forest Hill	12172	8	3	5	0 6	43	16	27	1	...	...	...	15	27	3.5	...	20	1.6
Fort William	25295	572	300	272	22.6	249	141	108	13	14	1	4	127	90	9.8	16	451	17.8
Galt	14584	349	166	183	23.9	201	109	92	10	4	1	...	98	88	13 7	13	168	11.5
Guelph	22602	274	147	127	12 1	206	108	98	8	3	1	...	99	95	9 1	6	319	14.1
Hamilton	155836	3212	1629	1583	20.6	1698	933	765	63	42	12	8	858	715	10.8	105	2206	14.1
Kingston	27924	879	443	436	31.4	603	345	258	26	14	6	6	313	238	21.6	22	472	16.9
Kirkland Lake	23262	859	453	406	36.9	139	86	53	19	20	6	2	61	31	5 9	16	325	13.9
Kitchener	34232	893	440	453	26.0	402	208	194	21	12	3	3	184	179	11 7	33	405	11.8
London	77369	1849	939	910	23.8	1158	584	574	40	27	8	10	536	537	14.9	61	1232	15.9
Niagara Falls	18726	486	253	233	25.9	228	136	92	10	6	3	1	123	85	12 1	11	319	17.1
North Bay	16072	399	207	192	24 8	188	121	67	10	6	2	4	109	57	11.6	13	198	12.3
Oshawa	25047	581	298	283	23.2	239	119	120	16	17	...	1	103	102	9.5	20	264	10.5
Ottawa	150277	3686	1859	1827	24 5	1931	982	949	95	85	28	19	859	845	12.8	111	2130	14.1
Owen Sound	13690	374	184	190	27.3	180	98	82	12	9	3	1	83	72	13.1	12	219	15.9
Pembroke	10680	324	169	155	30.3	187	94	93	11	10	1	3	82	80	17.5	20	208	19.4
Peterborough	24530	720	375	345	28.6	404	203	201	16	16	4	1	183	184	20.4	26	375	15.2
Port Arthur	22704	644	307	337	28.3	264	141	123	15	10	4	4	122	109	11.6	10	410	18.0
St. Catharines	28625	743	375	368	25.9	318	162	156	11	13	3	1	148	142	11.1	21	469	16.3
St. Thomas	16817	552	288	264	32.9	263	129	134	8	10	2	1	119	123	15.6	16	288	17.1
Sarnia	17991	525	271	254	29.1	242	130	112	14	8	...	1	116	103	13.4	17	237	13 1
Sault Ste. Marie	24380	671	330	341	27.5	242	127	115	18	17	2	3	107	95	9.9	25	386	15 8
Stratford	17040	436	230	206	25.5	241	127	114	11	4	1	6	115	104	14.1	8	263	15 4
Sudbury	32731	1664	854	810	50.8	325	184	141	49	45	11	8	124	88	9.9	43	560	17.1
Timmins	28630	1015	523	492	35.4	199	121	78	29	21	5	3	87	54	6.9	35	387	13.5
Toronto	648098	11118	5731	5387	17.1	7387	3981	3406	240	184	39	32	3702	3190	11.3	314	9740	15.0
Welland	11568	429	223	206	37.1	166	99	67	11	10	...	2	88	55	14.3	11	211	18.2
Windsor	103644	2382	1257	1125	22.9	896	491	405	55	33	4	7	432	365	8.6	61	1364	13.1
Woodstock	11714	345	193	152	29.4	267	145	122	11	6	...	...	134	116	22.8	7	171	14.6

Table 4—General Summary of Births, Deaths and Marriages for Towns and Villages of 5,000 to 10,000 Population, in the Province of Ontario, 1940

TOWNS AND VILLAGES 5,000 to 10,000 population	Estimated Population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000 of population	DEATHS									Ratio per 1,000 of population	Stillbirths	Marriages	Ratio per 1,000 of population
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	204,306	4,949	2,522	2,427	24.2	2,630	1,429	1,201	124	92	27	16	1,278	1,093	12.8	190	2,846	13.9
Barrie	9521	327	145	182	34.3	161	94	67	7	9	...	...	87	58	16.9	14	203	21.3
Brampton	5702	228	119	109	39.9	86	47	39	5	...	...	...	42	39	15.0	8	64	11.2
Brockville	9996	377	194	183	37.7	228	124	104	12	10	8	...	104	94	22.8	14	157	15.7
Cobourg	5530	161	79	82	29.1	129	70	59	4	...	1	...	65	59	23.3	11	105	18.9
Collingwood	5638	184	88	96	32.6	118	58	60	2	3	1	...	55	57	20.9	14	67	11.8
Dundas	5140	17	11	6	3.3	69	35	34	1	...	...	...	34	34	13.4	1	79	15.3
Eastview	7252	153	77	76	21.0	32	17	15	5	1	1	2	11	12	4.4	3	92	12.6
Fort Erie	6607	168	95	73	25.4	76	48	28	3	3	1	...	44	25	11 5	5	99	14.9
Fort Frances	5806	138	70	68	23.7	47	28	19	4	2	1	1	23	16	8.0	9	115	19.8
Hawkesbury	6200	224	116	108	36.1	80	37	43	8	4	3	3	26	36	12.9	9	77	12.4
Ingersoll	5302	179	97	82	33.7	88	54	34	7	1	1	1	46	32	16.5	7	77	14.5
Kenora	8710	282	154	128	32.3	101	69	32	5	3	1	1	63	28	11.5	15	110	12.6
Leamington	6048	206	103	103	34.0	57	31	26	2	6	1	...	28	20	9.4	4	84	13.8
Lindsay	7686	297	153	144	38.6	175	98	77	11	4	4	...	83	73	22.7	19	161	20.9
Midland	6650	209	102	107	31.4	103	67	36	8	4	...	...	59	32	15.4	12	65	9.7
Mimico	7194	102	57	45	14.1	41	17	24	...	3	...	...	17	21	5.6	3	80	11.1
New Toronto	8843	52	28	24	5.8	95	59	36	...	1	...	...	59	35	10.7	...	67	7.5
Orillia	9171	338	163	175	36.8	178	91	87	9	10	1	2	81	75	19.4	12	166	18.0
Port Colborne	6772	94	52	42	13.8	37	19	18	2	4	...	...	17	14	5.4	2	84	12.4
Preston	6358	48	27	21	7.5	40	21	19	...	...	...	...	21	19	6.2	...	78	12.2
Renfrew	5076	193	99	94	38.0	88	53	35	6	2	...	3	47	30	17.3	9	66	13.0
Riverside	5235	28	13	15	5.3	15	7	8	...	1	...	...	7	7	2 8	...	20	3.8
Simcoe	6340	375	200	175	59 1	124	71	53	10	13	3	2	58	38	19.5	7	78	12.3
Smiths Falls	7741	181	96	85	23 3	100	44	56	4	2	...	...	40	54	12.9	2	81	10.4
Swansea	6606	6	3	3	0.9	27	9	18	...	...	...	...	9	18	4.0	...	75	11.3
Thorold	5080	74	35	39	14 5	46	28	18	2	3	...	...	26	15	9.0	5	88	17.3
Trenton	7655	129	61	68	16.8	51	22	29	3	2	...	1	19	26	6.6	2	150	19.5
Waterloo	8726	56	26	30	6.4	50	27	23	2	...	...	...	25	23	5.7	...	124	14 2
Weston	5477	108	52	56	19 7	30	12	18	2	...	...	...	10	18	5 4	3	68	12 4
Whitby	6244	15	7	8	2 4	158	72	86	...	1	...	...	72	85	25 2	...	66	10.5

Table 5—General Summary of Births, Deaths and Marriages in the Province of Ontario for Towns and Villages of 1,000 Population and under 5,000—1940

Towns and Villages 1,000 and over and under 5,000	Estimated population	BIRTHS (exclusive of stillbirths)			Ratio per 1,000	DEATHS									Ratio per 1,000	Still-births	Marriages	Ratio per 1,000
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Total	**296217**	**7701**	**3977**	**3724**	**25.9**	**3825**	**2024**	**1801**	**164**	**132**	**36**	**23**	**1824**	**1646**	**12.9**	**225**	**4597**	**15.5**
Acton	1916	30	15	15	15.6	21	12	9	1	...	...	...	11	9	10.9	...	32	16.7
Alexandria	1976	42	21	21	21.2	13	6	7	1	...	...	...	5	7	6.5	...	40	20.2
Alliston	1485	108	59	49	7.2	39	19	20	...	3	...	...	19	17	26.2	5	20	13.4
Almonte	2370	135	71	64	56.9	39	19	20	...	2	...	...	19	18	16.4	4	29	12.2
Amherstburg	2722	34	14	20	12.4	22	11	11	1	2	...	...	10	9	8.0	2	51	18.7
Arnprior	3903	35	16	19	8.9	33	17	16	...	...	...	...	17	16	8.4	4	47	12.0
Arthur	1089	15	6	9	13.7	9	7	2	2	1	...	...	5	1	8.2	...	13	11.9
Aurora	2821	8	4	4	2.8	27	18	9	...	...	...	...	18	9	9.5	...	35	12.4
Aylmer	1985	18	8	10	9.0	32	16	16	1	...	...	...	15	16	16.1	...	49	24.6
Bancroft	1073	90	51	39	83.8	18	10	8	1	4	1	...	8	4	16.7	3	42	39.1
Barry's Bay	1161	32	13	19	27.5	5	2	3	...	...	...	...	2	3	4.3	...	16	13.7
Beamsville	1227	34	17	17	27.7	16	7	9	...	...	...	...	7	9	13.0	...	34	27.7
Blenheim	1875	23	14	9	12.2	18	6	12	...	...	...	...	6	12	9.6	...	34	18.1
Blind River	2444	109	62	47	44.5	23	11	12	2	3	...	...	9	9	9.4	5	30	12.2
Bobcaygeon	1021	15	8	7	14.6	12	6	6	...	...	...	...	6	6	11.7	...	12	11.7
Bowmanville	3850	153	85	68	39.7	46	20	26	2	1	...	...	18	25	11.9	9	40	10.3
Bracebridge	2529	108	58	50	42.7	57	34	23	4	2	...	1	30	20	22.5	4	63	24.9
Bradford	1041	10	5	5	9.6	15	10	5	...	...	1	...	9	5	14.4	...	15	14.4
Brighton	1462	20	7	13	13.6	14	4	10	...	...	...	...	4	10	9.5	...	19	12.9
Burlington	3815	23	12	11	6.0	29	15	14	1	...	...	...	14	14	7.6	1	57	14.9
Caledonia	1425	16	6	10	11.2	15	7	8	...	...	...	...	7	8	10.5	...	21	14.7
Campbellford	2954	67	37	30	22.6	35	23	12	2	1	...	...	21	11	11.8	2	38	12.8
Capreol	1675	31	17	14	18.5	8	6	2	1	1	...	...	5	1	4.7	...	14	8.3
Cardinal	1611	30	14	16	18.6	15	8	7	...	1	...	...	8	6	9.3	...	16	9.9
Carleton Place	4135	38	16	22	9.1	39	16	23	1	3	...	...	15	20	9.4	1	49	11.8
Casselman	1012	24	8	16	23.7	11	6	5	1	...	...	...	5	5	10.8	...	20	19.7
Chesley	1812	44	21	23	24.2	20	9	11	...	...	...	1	9	10	11.0	3	27	14.9
Chesterville	1094	23	14	9	21.0	5	2	3	...	...	...	...	2	3	4.5	1	12	10.9
Chippawa	1228	5	2	3	4.0	7	3	4	...	1	...	...	3	3	5.7	...	12	9.7
Clinton	1877	87	52	35	46.3	37	24	13	5	1	...	1	19	11	19.7	4	45	23.9
Cobalt	2580	82	37	45	31.7	28	20	8	3	2	1	...	16	6	10.8	3	49	18.9
Cochrane	3293	137	75	62	41.5	39	25	14	2	4	2	1	21	9	11.8	2	52	15.7
Coniston	2256	56	30	26	24.8	8	2	6	...	...	...	...	2	6	3.5	...	29	12.8
Copper Cliff	3816	31	17	14	8.1	23	19	4	2	1	...	...	17	3	6.0	1	63	16.5
Delhi	2430	16	7	9	6.5	6	4	2	...	1	...	...	4	1	2.4	...	39	16.0
Deseronto	1002	13	6	7	12.9	21	11	10	...	...	...	...	11	10	20.9	...	9	8.9
Dresden	1525	16	9	7	10.4	21	10	11	1	...	...	...	9	11	13.7	...	41	26.8
Dryden	1714	137	72	65	79.9	41	25	16	8	3	2	...	15	13	23.9	4	43	25.0
Dunnville	3959	115	64	51	29.0	64	35	29	2	2	1	...	32	27	16.1	3	60	15.1
Durham	1874	60	28	32	32.0	33	19	14	3	1	...	...	16	13	17.6	2	23	12.2
Eganville	1050	20	11	9	19.0	15	12	3	...	...	...	...	12	3	14.2	...	26	24.7
Elmira	2055	8	4	4	3.8	33	13	20	...	...	...	1	13	19	16.0	...	29	14.1
Elora	1232	5	2	3	4.0	14	8	6	...	...	...	...	8	6	11.3	1	22	17.8
Essex	1886	21	10	11	11.1	19	11	8	1	...	...	...	10	8	10.0	...	43	22.7
Exeter	1613	71	37	34	44.0	15	12	3	2	...	...	...	10	3	9.2	2	23	14.2
Fergus	2759	97	53	44	35.1	41	17	24	1	1	...	3	16	20	14.8	5	22	7.9
Forest	1562	14	9	5	8.9	17	4	13	...	...	...	...	4	13	10.8	...	27	17.2
Gananoque	3966	114	59	55	28.7	41	23	18	2	2	1	...	20	16	10.3	2	71	17.9
Georgetown	2482	12	5	7	4.8	25	14	11	...	...	...	...	14	11	10.0	...	30	12.0
Geraldton	2615	148	80	68	56.5	12	8	4	3	2	...	...	5	2	4.5	2	74	28.2
Goderich	4674	114	64	50	24.3	86	43	43	2	1	...	...	41	42	18.3	2	62	13.2
Gravehurst	2261	51	24	27	11.9	15	8	7	...	2	...	...	8	5	6.6	...	40	17.6
Grimsby	1988	58	30	28	29.1	25	14	11	...	1	...	...	14	10	12.5	1	43	21.6
Hagersville	1347	82	36	46	60.8	12	6	6	...	...	1	...	5	6	8.9	...	20	14.8
Haileybury	2405	76	39	37	31.6	72	48	24	3	3	1	...	44	21	29.9	5	31	12.8
Hanover	3182	93	44	49	29.2	52	28	24	...	2	2	...	26	22	16.3	3	39	12.2
Harriston	1326	22	7	15	16.5	10	2	8	...	...	...	1	2	7	7.5	...	14	10.5
Harrow	1092	12	6	6	10.9	12	3	9	...	...	...	...	3	9	10.9	1	20	18.3
Havelock	1103	33	18	15	29.9	12	6	6	...	...	...	...	6	6	10.8	3	9	8.1
Hespeler	2966	23	11	12	7.7	30	11	19	1	1	1	1	9	17	10.1	...	115	38.7
Humberstone	2885	37	11	26	12.8	15	7	8	1	...	...	...	6	8	5.1	1	28	9.7
Huntsville	3006	91	43	48	30.2	24	16	8	2	1	1	1	13	6	7.9	4	63	20.9
Iroquois	1123	17	7	10	16.6	12	8	4	1	...	...	...	7	4	11.7	...	15	14.6
Iroquois Falls	1349	61	28	33	45.2	21	13	8	1	1	...	...	12	7	15.5	2	32	23.7
Kapuskasing	3698	140	65	75	37.8	24	15	9	6	6	...	1	9	2	6.4	2	44	11.8
Keewatin	1484	...	...	...	...	3	2	1	...	...	...	...	2	1	2.0	...	16	10.7
Kemptville	1230	22	12	10	17.8	20	14	6	...	...	1	...	13	6	16.2	2	10	8.1
Kincardine	2483	3	3	...	1.2	30	21	9	2	...	...	...	19	9	12.0	...	32	12.8
Kingsville	2370	31	17	14	13.0	25	15	10	1	...	1	...	13	10	10.5	...	34	14.3
Lakefield	1301	7	5	2	5.3	21	8	13	...	1	1	...	7	12	16.1	...	21	16.1
Listowell	2984	92	53	39	30.8	58	29	29	4	3	2	...	23	26	19.4	6	70	23.4
Little Current	1115	12	8	4	10.7	11	5	6	...	1	...	...	5	5	9.8	...	6	5.3
Long Branch	4453	45	26	19	10.1	21	9	12	...	...	1	...	8	12	4.7	...	61	13.6
Madoc	1130	23	9	14	20.3	6	2	4	...	...	...	...	2	4	5.3	...	20	17.6
Markham	1175	47	23	24	39.9	19	13	6	...	...	...	...	13	6	16.1	3	12	10.2
Mattawa	2118	97	55	42	45.7	43	24	19	7	3	...	1	17	15	20.3	1	21	9.9
Meaford	2804	87	46	41	31.0	35	24	11	2	1	...	...	22	10	12.4	4	34	12.1
Merritton	2919	15	6	9	5.1	22	13	9	...	...	...	...	13	9	7.5	...	23	7.8
Milton	1925	53	33	20	27.5	18	8	10	...	...	...	1	8	9	9.3	1	22	11.4
Mitchell	1670	3	1	2	1.7	26	14	12	...	1	1	...	13	11	15.5	...	10	5.9
Morrisburg	1484	16	9	7	10.7	24	14	10	2	...	...	...	12	10	16.1	...	28	18.8
Mount Forest	1936	64	35	29	33.0	34	17	17	1	1	...	...	16	16	17.5	...	21	10.8
Napanee	3241	42	19	23	12.9	46	18	28	...	1	...	...	18	27	14.1	...	61	18.8
New Hamburg	1416	14	6	8	9.8	9	4	5	...	...	...	...	4	5	6.3	...	24	16.9
New Liskeard	3010	64	34	30	21.2	13	7	6	1	1	...	...	6	5	4.3	1	63	24.9

Table 5—General Summary of Births, Deaths and Marriages in the Province of Ontario for Towns and Villages of 1,000 Population and under 5,000, 1940—Continued

Towns 1,000 and over and under 5,000	Estimated population	BIRTHS (Exclusive of stillbirths)			Ratio per 1,000	DEATHS									Ratio per 1,000	Still-births	Marriages	Ratio per 1,000
						All ages			Under 1 year		1-4 years		5 years and over					
		Total	M	F		Total	M	F	M	F	M	F	M	F				
Newmarket	3800	240	132	108	63.1	88	40	48	2	2	2	...	36	46	26.0	4	36	9.4
Niagara	1764	42	23	19	23.8	19	10	9	1	2	...	...	9	7	10.7	1	50	28.3
Norwich	1301	61	28	33	46.8	13	3	10	...	1	...	...	3	9	9.9	3	13	9.9
Oakville	3799	33	18	15	8.6	26	17	9	...	...	1	...	16	9	6.8	1	51	13.4
Orangeville	2558	109	62	47	42.6	75	37	38	2	3	...	...	35	35	29.3	4	38	14.8
Palmerston	1400	41	25	16	29.2	28	9	19	...	1	...	...	9	18	19.9	4	13	9.2
Paris	4427	114	58	56	25.7	57	26	31	...	2	...	...	26	29	12.8	1	61	13.7
Parkhill	1029	6	4	2	5.3	16	7	9	...	...	1	...	6	9	15.5	...	23	22.3
Parry Sound	4732	272	142	130	57.4	102	58	44	7	5	1	2	50	37	21.5	7	100	21.1
Penetanguishene	4742	120	60	60	25.3	64	32	32	3	3	1	...	28	29	13.4	5	53	11.1
Perth	4221	171	82	89	40.5	102	52	50	3	6	2	...	47	44	24.1	6	62	14.6
Petrolia	2804	161	81	80	57.4	67	34	33	3	3	...	...	31	30	23.8	6	45	16.0
Picton	3400	202	95	107	59.4	79	40	39	5	4	1	...	34	35	23.2	8	50	14.7
Point Edward	1185	6	3	3	5.0	9	4	5	...	...	...	...	4	5	7.5	...	10	8.4
Port Credit	1934	16	4	12	8.2	9	6	3	...	...	...	...	6	3	4.6	...	63	32.5
Port Dalhousie	1599	2	2	....	1.2	10	5	5	...	...	...	...	5	5	6.2	...	24	15.0
Port Dover	1790	31	12	19	17.3	26	16	10	...	2	1	...	15	8	14.5	2	20	11.1
Port Elgin	1415	28	14	14	19.7	16	6	10	...	...	...	1	6	9	11.3	1	10	7.0
Port Hope	4997	119	61	58	23.8	65	33	32	3	2	...	...	30	30	13.0	4	53	10.6
Port Perry	1175	28	12	16	22.9	25	10	15	...	...	...	...	10	15	21.2	4	8	6.0
Prescott	3021	20	8	12	6.6	32	11	21	1	1	1	...	9	20	10.5	1	45	14.8
Rainy River	1250	82	31	51	65.6	10	5	5	1	...	...	...	4	5	8.0	2	24	19.2
Richmond Hill	1354	24	12	12	17.7	14	6	8	...	...	...	...	6	8	10.3	1	33	24.3
Ridgetown	1981	18	11	7	9.0	20	11	9	1	1	...	...	10	8	10.0	...	24	12.1
Rockcliffe Park	1380	.....	.....	.....	....	12	8	4	...	...	...	...	8	4	8.6	...	4	2.8
Rockland	2120	39	21	18	18.3	13	7	6	1	...	...	...	6	6	6.1	...	20	9.4
St. Mary's	4009	93	51	42	23.1	44	22	22	3	1	...	...	19	21	10.9	1	49	12.2
Seaforth	1717	96	58	38	55.9	56	30	26	2	...	...	...	28	26	32.6	...	17	9.8
Sioux Lookout	1943	80	38	42	41.1	21	14	7	2	1	...	2	12	4	10.8	...	41	21.1
Southampton	1467	19	9	10	12.9	12	3	9	...	...	...	...	3	9	8.1	1	18	12.2
Stayner	1106	20	13	7	18.0	14	6	8	1	...	...	...	5	8	12.6	...	23	20.7
Stouffville	1198	47	29	18	39.2	31	15	16	...	...	...	...	15	16	25.8	...	27	22.5
Strathroy	2835	151	81	70	53.2	75	48	27	1	...	...	...	47	27	26.4	3	56	19.7
Sturgeon Falls	4534	143	71	72	31.5	60	37	23	6	6	2	1	29	16	13.2	8	74	16.3
Tavistock	1090	10	6	4	9.1	15	9	6	...	...	...	...	9	6	13.7	1	11	10.0
Tecumseh	2331	38	23	15	16.3	11	6	5	...	...	...	...	6	5	4.7	...	24	10.2
Thessalon	1617	55	28	27	34.0	13	6	7	2	...	...	1	4	6	8.0	1	19	11.7
Tilbury	1923	28	13	15	14.5	27	10	17	1	...	...	...	9	17	14.0	1	50	26.0
Tillsonburg	4602	256	142	114	55.6	81	45	36	8	2	...	...	37	34	17.6	10	84	18.2
Tweed	1181	29	14	15	24.5	9	4	5	...	2	...	...	4	3	7.6	1	23	19.4
Uxbridge	1480	31	17	14	20.9	23	11	12	2	...	...	...	9	12	15.5	1	18	12.1
Vankleek Hill	1515	44	23	21	29.0	30	15	15	1	1	...	1	14	13	19.8	...	31	20.4
Walkerton	2604	133	67	66	51.0	89	52	37	5	4	...	1	47	32	34.1	4	39	14.9
Wallaceburg	4802	58	29	29	12.0	26	13	13	...	...	...	...	13	13	5.4	3	84	17.4
Waterford	1294	23	12	11	17.7	23	15	8	...	...	...	...	15	8	17.7	1	15	11.5
Wiarton	1750	35	17	18	19.9	10	3	7	1	...	...	...	2	7	5.7	...	35	19.9
Winchester	1017	18	7	11	17.6	17	7	10	...	...	...	...	7	10	16.7	2	28	27.5
Wingham	2114	82	47	35	38.7	39	25	14	3	1	1	...	21	13	18.4	5	27	12.7

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1940

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ontario	**68524**	**5131**	**5209**	**5972**	**5729**	**5928**	**6017**	**6355**	**5990**	**5740**	**5564**	**5391**	**5498**
Rural	17070	1325	1375	1567	1502	1589	1539	1546	1511	1359	1279	1221	1257
Urban	51454	3806	3834	4405	4227	4339	4478	4809	4479	4381	4285	4170	4241
Addington	136	9	10	12	11	16	14	11	8	10	14	11	10
Rural	136	9	10	12	11	16	14	11	8	10	14	11	10
Algoma	1083	99	87	88	82	93	86	101	110	83	71	83	100
Rural	248	33	24	20	22	24	16	18	26	20	10	16	19
Urban	835	66	63	68	60	69	70	83	84	63	61	67	81
Sault Ste. Marie, c	671	56	42	52	51	55	61	68	69	54	46	54	63
Blind River, t	109	6	11	12	7	11	4	10	7	5	10	10	16
Thessalon, t	55	4	10	4	2	3	5	5	8	4	5	3	2
Brant	998	77	91	81	87	90	78	86	75	85	81	78	89
Rural	224	11	21	28	26	22	18	15	16	17	23	14	13
Urban	774	66	70	53	61	68	60	71	59	68	58	64	76
Brantford, c	660	60	62	45	54	58	53	56	47	58	54	55	58
Paris, t	114	6	8	8	7	10	7	15	12	10	4	9	18
Bruce	721	55	59	63	64	67	54	58	58	72	58	55	58
Rural	459	34	40	37	45	45	31	40	30	47	35	36	39
Urban	262	21	19	26	19	22	23	18	28	25	23	19	19
Chesley, t	44	4	1	6	4	2	6	4	4	2	4	3	4
Kincardine, t	3	....	....	....	1	....	....	1	1	....	....	....	....
Southampton, t	19	3	4	4	....	1	....	1	3	1	1	....	1
Walkerton, t	133	9	7	9	11	14	15	8	14	14	12	11	9
Wiarton, t	35	....	3	4	2	4	1	3	5	3	4	3	3
Port Elgin, vl	28	5	4	3	1	1	1	1	1	5	2	2	2
Carleton	4098	312	319	378	326	353	338	364	337	348	331	332	360
Rural	259	22	20	24	21	29	23	22	20	20	15	19	24
Urban	3839	290	299	354	305	324	315	342	317	328	316	313	336
Ottawa, c	3686	276	292	338	297	303	304	326	307	320	302	302	319
Eastview, t	153	14	7	16	8	21	11	16	10	8	14	11	17
Cochrane	2416	186	186	233	194	198	219	228	220	203	191	179	179
Rural	1063	86	80	106	80	87	102	101	100	90	82	79	70
Urban	1353	100	106	127	114	111	117	127	120	113	109	100	109
Cochrane, t	137	6	10	17	7	9	13	11	21	8	13	13	9
Iroquois Falls, t	61	5	2	2	9	6	2	8	8	5	7	2	5
Kapuskasing, t	140	12	14	11	11	13	12	11	7	13	15	10	11
Timmins, t	1015	77	80	97	87	83	90	97	84	87	74	75	84
Dufferin	250	21	22	20	18	20	26	31	24	16	28	7	17
Rural	141	14	13	13	13	8	13	19	11	9	18	....	10
Urban	109	7	9	7	5	12	13	12	13	7	10	7	7
Orangeville, t	109	7	9	7	5	12	13	12	13	7	10	7	7
Dundas	266	23	25	32	24	26	22	28	14	29	9	17	17
Rural	192	17	20	21	18	20	16	22	11	19	5	9	14
Urban	74	6	5	11	6	6	6	6	3	10	4	8	3
Chesterville, vl	23	1	1	4	1	2	1	3	1	5	....	3	1
Iroquois, vl	17	4	....	2	4	1	1	....	1	2	1	1	....
Morrisburg, vl	16	....	2	1	1	3	2	1	....	2	2	....	2
Winchester, vl	18	1	2	4	....	....	2	2	1	1	1	4	....
Durham	344	21	25	31	25	26	34	32	36	39	23	26	26
Rural	72	5	7	7	7	8	6	7	5	7	5	4	4
Urban	272	16	18	24	18	18	28	25	31	32	18	22	22
Bowmanville, t	153	8	8	11	8	7	13	15	22	23	13	15	10
Port Hope, t	119	8	10	13	10	11	15	10	9	9	5	7	12
Elgin	803	70	54	65	65	73	75	77	71	64	65	62	62
Rural	233	31	18	25	16	24	22	17	10	17	18	21	14
Urban	570	39	36	40	49	49	53	60	61	47	47	41	48
St. Thomas, c	552	38	35	39	48	48	52	58	57	46	43	41	47
Aylmer, t	18	1	1	1	1	1	1	2	4	1	4	....	1
Essex	3353	282	245	278	277	281	298	317	283	296	288	266	242
Rural	601	44	43	52	57	51	64	63	47	62	38	41	39
Urban	2752	238	202	226	220	230	234	254	236	234	250	225	203
Windsor, c	2382	203	169	192	186	197	209	220	203	213	214	202	174
Amherstburg, t	34	4	5	6	3	1	2	1	1	3	5	1	2
Essex, t	21	3	1	....	3	2	....	2	3	1	....	1	5
Kingsville, t	31	3	1	2	5	4	....	3	4	....	4	2	3
Leamington, t	206	17	18	21	15	13	15	22	24	15	21	16	9
Riverside, t	28	4	5	1	3	4	2	2	....	1	2	....	4
Tecumseh, t	38	3	2	4	3	7	6	4	1	....	2	1	5
Harrow, vl	12	1	1	....	2	2	....	....	....	1	2	2	1
Frontenac	1047	72	67	82	80	82	90	107	108	89	97	94	79
Rural	168	16	14	14	12	10	16	17	22	14	8	10	15
Urban	879	56	53	68	68	72	74	90	86	75	89	84	64
Kingston, c	879	56	53	68	68	72	74	90	86	75	89	84	64
Glengarry	287	23	23	22	24	26	30	20	20	33	19	29	18
Rural	245	20	20	20	21	23	27	16	17	28	13	23	17
Urban	42	3	3	2	3	3	3	4	3	5	6	6	1
Alexandria, t	42	3	3	2	3	3	3	4	3	5	6	6	1
Grenville	157	9	10	18	8	16	12	21	17	13	14	7	12
Rural	85	4	3	12	4	12	4	11	12	8	6	4	5
Urban	72	5	7	6	4	4	8	10	5	5	8	3	7
Prescott, t	20	3	1	2	1	....	4	5	2	....	1	1	....
Cardinal, vl	30	1	4	2	3	3	4	4	3	....	3	....	3
Kemptville, vl	22	1	2	2	....	1	....	1	....	5	4	2	4

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1940—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Grey	1026	81	75	74	92	88	87	103	88	94	104	71	69
Rural	412	32	34	35	36	33	32	42	38	36	34	28	32
Urban	614	49	41	39	56	55	55	61	50	58	70	43	37
Owen Sound, c	374	30	32	22	26	34	34	37	33	34	44	27	21
Durham, t	60	6	4	4	10	6	4	5	4	6	6	4	1
Hanover, t	93	5	1	4	9	10	12	8	6	11	13	7	7
Meaford, t	87	8	4	9	11	5	5	11	7	7	7	5	8
Haldimand	338	31	16	26	26	24	25	41	33	26	39	26	25
Rural	125	14	4	11	10	11	14	14	11	7	13	10	6
Urban	213	17	12	15	16	13	11	27	22	19	26	16	19
Dunnville, t	115	10	6	7	6	6	7	12	9	13	16	9	14
Caledonia, vl	16	1	1	2	2	1	.....	3	2	1	.....	2	1
Hagersville, vl	82	6	5	6	8	6	4	12	11	5	10	5	4
Haliburton	160	13	24	13	16	10	16	13	13	13	11	10	8
Rural	160	13	24	13	16	10	16	13	13	13	11	10	8
Halton	247	20	20	25	29	27	14	28	22	10	19	19	14
Rural	96	9	9	8	13	12	4	9	8	3	9	5	7
Urban	151	11	11	17	16	15	10	19	14	7	10	14	7
Burlington, t	23	2	2	3	1	1	2	3	3	2	1	2	1
Georgetown, t	12	.....	2	2	.....	1	.....	2	.....	2	.....	3	.....
Milton, t	53	7	2	6	7	3	4	5	4	3	7	3	2
Oakville, t	33	1	2	5	3	6	2	3	5	.....	1	2	3
Acton, vl	30	1	3	1	5	4	2	6	2	.....	1	4	1
Hastings	1366	94	104	102	106	136	126	118	137	111	111	109	112
Rural	475	21	35	47	37	55	43	39	50	40	39	29	40
Urban	891	73	69	55	69	81	83	79	87	71	72	80	72
Belleville, c	607	46	45	39	43	55	54	54	60	52	43	59	57
Deseronto, t	13	1	1	1	.....	3	1	2	1	.....	3	.....	.....
Trenton, t	129	16	14	7	12	12	14	10	13	6	14	6	5
Bancroft, vl	90	9	6	4	10	8	8	7	8	10	8	7	5
Madoc, vl	23	1	1	.....	1	2	4	4	2	1	2	5	.....
Tweed, vl	29	.....	2	4	3	1	2	2	3	2	2	3	5
Huron	769	62	56	68	54	73	76	59	66	66	69	60	60
Rural	319	28	22	36	25	25	27	14	28	29	26	32	27
Urban	450	34	34	32	29	48	49	45	38	37	43	28	33
Clinton, t	87	4	6	6	10	11	13	11	8	6	4	4	4
Goderich, t	114	6	9	7	5	15	12	13	10	12	11	5	9
Seaforth, t	96	11	6	5	5	9	12	10	7	7	10	11	3
Wingham, t	82	6	8	9	6	8	9	7	5	8	7	3	6
Exeter, vl	71	7	5	5	3	5	3	4	8	4	11	5	11
Kenora	547	48	41	54	55	39	42	58	43	47	41	35	44
Rural	48	8	6	6	12	2	2	3	2	1	1	1	4
Urban	499	40	35	48	43	37	40	55	41	46	40	34	40
Dryden, t	137	11	10	13	15	7	9	15	12	7	11	13	14
Keewatin, t	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kenora, t	282	22	21	27	22	22	22	29	20	36	21	17	23
Sioux Lookout, t	80	7	4	8	6	8	9	11	9	3	8	4	3
Kent	1399	86	95	122	128	113	130	142	126	109	125	98	125
Rural	366	19	32	32	31	28	44	27	40	22	39	24	28
Urban	1033	67	63	90	97	85	86	115	86	87	86	74	97
Chatham, c	890	57	56	81	83	78	73	87	74	80	75	67	79
Blenheim, t	23	3	1	.....	2	1	1	9	.....	.....	2	.....	4
Dresden, t	16	1	1	2	4	1	.....	4	1	.....	1	.....	1
Ridgetown, t	18	2	.....	.....	2	.....	2	5	2	.....	1	2	2
Tilbury, t	28	1	2	4	.....	1	5	5	2	1	2	2	3
Wallaceburg, t	58	3	3	3	6	4	5	5	7	6	5	3	8
Lambton	1008	70	79	92	76	95	90	87	82	82	94	77	84
Rural	302	22	25	27	25	23	33	24	29	22	20	25	27
Urban	706	48	54	65	51	72	57	63	53	60	74	52	57
Sarnia, c	525	37	41	47	34	56	45	49	35	42	54	42	43
Forest, t	14	2	.....	.....	2	.....	1	.....	2	2	1	1	3
Petrolia, t	161	9	12	17	15	16	10	14	15	15	18	9	11
Point Edward, vl	6	.....	1	1	.....	.....	1	.....	1	1	1	.....	.....
Lanark	631	41	46	50	63	56	51	63	51	60	50	50	50
Rural	106	6	8	11	13	13	7	10	4	10	8	7	9
Urban	525	35	38	39	50	43	44	53	47	50	42	43	41
Almonte, t	135	9	7	15	10	9	10	14	14	10	9	12	16
Carleton Place, t	38	3	4	4	2	6	1	6	2	4	4	1	1
Perth, t	171	9	9	11	22	14	14	17	14	15	22	12	12
Smiths Falls, t	181	14	18	9	16	14	19	16	17	21	7	18	12
Leeds	756	53	47	81	68	66	64	81	71	60	43	62	60
Rural	265	14	17	28	30	26	22	24	24	24	17	19	20
Urban	491	39	30	53	38	40	42	57	47	36	26	43	40
Brockville, t	377	25	23	40	28	31	33	50	30	28	19	36	34
Gananoque, t	114	14	7	13	10	9	9	7	17	8	7	7	6
Lennox	108	9	7	10	10	12	5	11	8	8	9	7	12
Rural	66	8	3	7	6	7	2	7	7	4	5	2	8
Urban	42	1	4	3	4	5	3	4	1	4	4	5	4
Napanee, t	42	1	4	3	4	5	3	4	1	4	4	5	4

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1940—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Lincoln	1037	68	81	105	66	92	82	100	91	83	82	96	91
Rural	143	6	12	17	4	16	15	20	13	9	13	5	13
Urban	894	62	69	88	62	76	67	80	78	74	69	91	78
St. Catharines, c	743	52	62	68	51	62	52	65	70	62	60	76	63
Grimsby, t	58	5	2	9	4	4	6	9	3	3	5	5	3
Merritton, t	15	1	1	2	1	....	2	2	1	2	....	....	3
Niagara, t	42	2	3	1	3	8	3	3	....	6	....	7	6
Beamsville, vl	34	2	1	7	2	2	4	1	4	1	4	3	3
Port Dalhouse, vl	2	....	....	1	1	....	....	....	....	....	....	....	....
Manitoulin	263	13	13	20	24	20	36	25	29	17	22	18	26
Rural	251	13	11	20	24	20	35	20	29	16	20	17	26
Urban	12	....	2	....	....	....	1	5	....	1	2	1	....
Little Current, t	12	....	2	....	....	....	1	5	....	1	2	1	....
Middlesex	2275	164	191	193	195	185	192	198	234	189	177	176	181
Rural	269	26	22	22	20	30	23	22	30	21	12	17	24
Urban	2006	138	169	171	175	155	169	176	204	168	165	159	157
London, c	1849	127	160	160	165	142	157	161	187	157	144	149	140
Parkhill, t	6	1	....	....	....	....	1	....	2	....	2	....	....
Strathroy, t	151	10	9	11	10	13	11	15	15	11	19	10	17
Muskoka	387	30	43	33	28	37	23	32	32	30	34	35	30
Rural	137	14	17	12	5	14	10	12	15	9	8	9	12
Urban	250	16	26	21	23	23	13	20	17	21	26	26	18
Bracebridge, t	108	7	9	10	10	10	8	10	7	6	16	8	7
Gravenhurst, t	51	2	6	6	4	3	2	4	3	6	3	10	2
Huntsville, t	91	7	11	5	9	10	3	6	7	9	7	8	9
Nipissing	1099	72	83	94	105	94	102	90	103	92	82	95	87
Rural	460	32	41	35	48	46	54	35	39	27	36	30	37
Urban	639	40	42	59	57	48	48	55	64	65	46	65	50
North Bay, c	399	24	22	37	41	30	27	28	48	47	28	37	30
Mattawa, t	97	8	6	10	8	6	11	8	2	8	9	14	7
Sturgeon Falls, t	143	8	14	12	8	12	10	19	14	10	9	14	13
Norfolk	715	50	60	67	56	61	66	69	69	68	55	39	55
Rural	270	19	21	25	23	26	20	29	29	26	25	13	14
Urban	445	31	39	42	33	35	46	40	40	42	30	26	41
Simcoe, t	375	28	34	31	28	27	37	34	37	37	26	23	33
Delhi, vl	16	....	1	3	2	2	3	....	1	2	....	....	2
Port Dover, vl	31	2	4	5	....	2	1	3	2	2	3	3	4
Waterford, vl	23	1	....	3	3	4	5	3	....	1	1	....	2
Northumberland	455	33	37	40	32	43	39	46	40	39	35	34	37
Rural	207	17	16	19	15	21	19	15	17	19	16	13	20
Urban	248	16	21	21	17	22	20	31	23	20	19	21	17
Campbellford, t	67	3	6	5	9	4	6	4	8	5	7	6	4
Cobourg, t	161	10	12	12	6	18	13	26	15	11	12	13	13
Brighton, vl	20	3	3	4	2	....	1	1	....	4	....	2	....
Ontario	889	64	67	83	88	61	65	88	68	87	80	74	64
Rural	234	17	14	28	24	18	17	23	24	15	17	21	16
Urban	655	47	53	55	64	43	48	65	44	72	63	53	48
Oshawa, c	581	43	44	46	55	41	44	55	38	63	60	49	43
Uxbridge, t	31	2	4	2	2	1	2	5	3	3	3	3	1
Whitby, t	15	2	2	1	3	....	1	....	1	3	....	1	1
Port Perry, vl	28	....	3	6	4	1	1	5	2	3	....	....	3
Oxford	1036	70	82	87	97	95	81	96	101	100	80	69	78
Rural	185	13	18	12	20	16	16	13	18	23	10	11	15
Urban	851	57	64	75	77	79	65	83	83	77	70	58	63
Woodstock, c	345	28	24	29	37	35	21	32	31	30	31	24	23
Ingersoll, t	179	9	10	16	15	14	12	21	21	18	18	11	14
Tillsonburg, t	256	19	19	21	19	20	27	20	28	24	19	19	21
Norwich, vl	61	1	8	8	6	9	5	9	3	2	1	4	5
Tavistock, vl	10	....	3	1	....	1	....	1	....	3	1	....	....
Parry Sound	623	54	34	65	45	60	53	52	53	54	49	52	52
Rural	351	38	17	39	26	38	29	32	32	23	22	27	28
Urban	272	16	17	26	19	22	24	20	21	31	27	25	24
Parry Sound, t	272	16	17	26	19	22	24	20	21	31	27	25	24
Peel	349	24	24	30	34	26	41	37	29	36	21	27	20
Rural	105	9	14	5	9	5	14	10	6	13	3	8	9
Urban	244	15	10	25	25	21	27	27	23	23	18	19	11
Brampton, t	228	14	10	23	24	19	24	24	23	23	18	16	10
Port Credit, vl	16	1	....	2	1	2	3	3	....	....	....	3	1
Perth	869	54	64	81	81	68	79	87	66	76	61	81	71
Rural	245	15	22	27	24	21	16	23	20	24	18	20	15
Urban	624	39	42	54	57	47	63	64	46	52	43	61	56
Stratford, c	436	25	35	37	43	30	47	42	35	36	32	40	34
Listowell, t	92	6	2	5	12	10	9	12	7	9	5	8	7
Mitchell, t	3	1	....	1	....	....	....	....	....	1	....	....	....
St. Mary's, t	93	7	5	11	2	7	7	10	4	6	6	13	15
Peterborough	901	68	60	59	73	85	92	89	76	87	57	79	76
Rural	141	14	10	10	19	13	11	10	8	12	11	14	9
Urban	760	54	50	49	54	72	81	79	68	75	46	65	67
Peterborough, c	720	54	46	49	49	70	75	76	64	72	42	59	64
Havelock, vl	33	....	4	....	4	2	3	2	4	3	3	5	3
Lakefield, vl	7	....	....	....	1	....	3	1	....	....	1	1	....
Prescott	678	53	58	63	51	59	67	48	75	62	39	50	53
Rural	410	34	33	34	30	35	41	29	44	42	26	29	33
Urban	268	19	25	29	21	24	26	19	31	20	13	21	20
Hawkesbury, t	224	15	24	24	15	19	22	18	26	17	12	17	15
Vankleek Hill, t	44	4	1	5	6	5	4	1	5	3	1	4	5

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1940—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prince Edward	268	17	20	17	32	28	22	26	31	24	18	21	12
Rural	66	5	10	4	8	9	4	4	7	4	4	4	3
Urban	202	12	10	13	24	19	18	22	24	20	14	17	9
Picton, t	202	12	10	13	24	19	18	22	24	20	14	17	9
Rainy River	454	29	38	48	40	39	42	36	51	35	36	29	31
Rural	234	14	23	24	27	25	27	16	20	15	15	14	14
Urban	220	15	15	24	13	14	15	20	31	20	21	15	17
Fort Frances, t	138	10	9	17	7	8	11	11	16	15	16	7	11
Rainy River, t	82	5	6	7	6	6	4	9	15	5	5	8	6
Renfrew	1045	63	76	114	84	113	112	72	96	75	72	70	98
Rural	441	21	31	48	33	49	42	41	45	33	32	31	35
Urban	604	42	45	66	51	64	70	31	51	42	40	39	63
Arnprior, t	35	.....	1	3	5	5	3	2	4	3	3	3	3
Pembroke, t	324	18	23	39	19	34	42	16	30	21	24	18	40
Renfrew, t	193	19	18	17	23	17	16	10	14	18	11	15	15
Barry's Bay, vl	32	3	1	5	1	6	5	2	2	.....	1	2	4
Eganville, vl	20	2	2	2	3	2	4	1	1	.....	1	1	1
Russell	369	20	30	37	38	29	32	36	34	25	27	33	38
Rural	306	14	26	21	32	26	27	31	31	21	20	28	29
Urban	63	6	4	6	6	3	5	5	3	4	7	5	9
Rockland, t	39	3	3	5	3	3	4	2	3	2	3	3	5
Casselman, vl	24	3	1	1	3	.....	1	3	.....	2	4	2	4
Simcoe	1667	139	119	132	160	135	149	128	138	141	149	142	135
Rural	351	28	30	40	30	31	29	26	30	26	30	26	25
Urban	1316	111	89	92	130	104	120	102	108	115	119	116	110
Alliston, t	108	12	3	8	9	13	8	11	9	8	11	4	12
Barrie, t	327	21	25	24	29	21	35	29	22	27	33	32	29
Collingwood, t	184	17	11	9	19	9	13	16	17	23	21	15	14
Midland, t	209	21	13	14	22	17	21	13	18	19	20	16	15
Orillia, t	338	29	21	20	31	34	31	23	34	29	28	38	20
Penetanguishene, t	120	9	12	13	17	8	8	10	6	9	4	7	17
Stayner, t	20	1	3	4	2	.....	2	.....	2	.....	1	3	2
Bradford, vl	10	1	1	.....	1	2	2	.....	.....	.....	1	1	1
Stormont	1067	95	75	103	90	97	90	86	91	82	88	91	79
Rural	409	39	34	39	33	38	33	36	40	22	34	32	29
Urban	658	56	41	64	57	59	57	50	51	60	54	59	50
Cornwall, t	658	56	41	64	57	59	57	50	51	60	54	59	50
Sudbury	2633	208	202	258	199	229	246	230	222	184	204	227	224
Rural	851	67	72	87	65	78	81	78	79	53	62	72	57
Urban	1782	141	130	171	134	151	165	152	143	131	142	155	167
Sudbury, c	1664	132	115	157	128	145	153	141	135	125	136	147	150
Capreol, t	31	3	3	3	1	3	5	3	2	.....	1	2	5
Coniston, t	56	4	7	7	3	3	6	6	5	2	1	4	8
Coppercliff, t	31	2	5	4	2	.....	1	2	1	4	4	2	4
Thunder Bay	1528	111	120	138	112	134	133	155	126	129	126	121	123
Rural	164	14	12	11	8	21	11	16	12	18	13	12	16
Urban	1364	97	108	127	104	113	122	139	114	111	113	109	107
Fort William, c	572	35	44	51	50	55	57	53	50	45	48	45	39
Port Arthur, c	644	49	53	63	43	49	52	72	48	52	54	52	57
Geraldton, vl	148	13	11	13	11	9	13	14	16	14	11	12	11
Timiskaming	1592	129	112	150	138	146	127	157	122	110	134	118	149
Rural	511	33	36	49	47	50	33	55	46	35	40	44	43
Urban	1081	96	76	101	91	96	94	102	76	75	94	74	106
Cobalt, t	82	6	7	8	3	4	9	8	7	9	9	5	7
Haileybury, t	76	7	3	5	8	9	8	9	5	6	5	5	6
New Liskeard, t	64	6	2	7	9	2	4	10	2	3	5	4	10
Kirkland Lake	859	77	64	81	71	81	73	75	62	57	75	60	83
Victoria	457	40	29	33	39	42	54	32	35	41	32	40	40
Rural	145	16	9	8	11	14	17	7	12	12	15	12	12
Urban	312	24	20	25	28	28	37	25	23	29	17	28	28
Lindsay, t	297	23	18	24	26	25	35	24	23	27	17	27	28
Bobcaygeon, vl	15	1	2	1	2	3	2	1	.....	2	.....	1	.....
Waterloo	1682	118	128	131	131	149	165	154	136	133	138	157	142
Rural	291	23	22	29	24	23	20	27	17	33	23	28	22
Urban	1391	95	106	102	107	126	145	127	119	100	115	129	120
Galt, c	349	23	19	25	21	36	34	36	33	22	40	31	29
Kitchener, c	893	63	71	63	71	78	92	77	76	64	63	92	83
Elmira, t	8	.....	2	.....	3	.....	.....	1	1	.....	.....	1	.....
Hespeler, t	23	1	3	2	3	4	1	2	.....	2	4	.....	1
Preston, t	48	3	6	4	1	3	11	3	4	6	4	1	2
Waterloo, t	56	2	3	8	4	4	6	8	4	5	4	4	4
New Hamburg, vl	14	3	2	.....	4	1	1	.....	1	1	.....	.....	1
Welland	1576	117	120	136	126	135	119	157	134	141	123	144	124
Rural	283	22	23	25	26	32	26	32	28	16	16	14	23
Urban	1293	95	97	111	100	103	93	125	106	125	107	130	101
Niagara Falls, c	486	37	40	45	37	44	38	49	40	46	36	44	30
Welland, c	429	31	29	41	32	31	32	38	26	45	38	49	37
Fort Erie, t	168	8	12	12	12	16	8	17	18	21	17	13	14
Port Colborne, t	94	6	7	6	6	4	8	12	11	6	10	8	10
Thorold, t	74	7	7	4	10	6	6	6	6	2	2	9	9
Chippawa, vl	5	1	.....	1	.....	1	.....	.....	.....	1	1	.....	.....
Humberstone, vl	37	5	2	2	3	1	1	3	5	4	3	7	1

Table 6—Births (exclusive of Stillbirths) by Months, Classified as Rural and Urban, in the Province of Ontario, 1940—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Wellington	1022	70	84	70	89	101	91	105	96	75	81	74	86
Rural	504	27	38	33	45	49	54	59	46	41	34	37	41
Urban	518	43	46	37	44	52	37	46	50	34	47	37	45
Guelph, c	274	24	25	19	27	33	20	18	23	19	26	16	24
Harriston, t	22	2	.....	2	1	2	1	4	1	3	1	4	1
Mount Forest, t	64	5	5	3	6	6	4	11	7	2	7	5	3
Palmerston, t	41	4	6	3	5	3	1	4	5	2	2	2	4
Arthur, vl	15	1	3	2	.....	.....	2	3	1	.....	1	.....	2
Elora, vl	5	.....	.....	.....	1	.....	.....	1	1	2	.....	.....	.....
Fergus, vl	97	7	7	8	4	8	9	5	12	6	10	10	11
Wentworth	3385	237	273	284	293	272	284	306	296	281	278	267	314
Rural	156	9	12	9	14	16	17	19	13	13	14	8	12
Urban	3229	228	261	275	279	256	267	287	283	268	264	259	302
Hamilton, c	3212	225	258	275	279	255	265	285	282	267	264	257	300
Dundas, t	17	3	3	.....	.....	1	2	2	1	1	.....	2	2
York	13834	1052	1050	1187	1169	1182	1227	1331	1192	1169	1171	1056	1048
Rural	2029	184	174	179	195	180	176	199	169	150	169	140	114
Urban	11805	868	876	1008	974	1002	1051	1132	1023	1019	1002	916	934
Toronto, c	11118	815	826	946	916	946	998	1073	966	944	944	859	885
Aurora, t	8	1	2	.....	.....	.....	1	.....	.....	3	1	.....	.....
Long Branch, t	45	2	1	7	4	3	2	6	4	5	5	3	3
Mimico, t	102	6	7	7	12	8	7	12	6	14	9	7	7
Newmarket, t	240	22	17	23	21	19	18	17	20	26	16	21	20
New Toronto, t	52	4	6	7	3	7	5	2	5	3	2	5	3
Weston, t	108	8	8	8	8	8	9	8	9	18	9	8	7
Forest Hill, vl	8	.....	.....	2	.....	1	1	.....	1	1	1	1	.....
Markham, vl	47	4	1	5	5	6	6	6	1	3	4	3	3
Richmond Hill, vl	24	3	3	.....	1	2	.....	3	5	1	2	2	2
Stouffville, vl	47	2	3	3	3	2	4	5	6	1	8	6	4
Swansea, vl	6	1	2	.....	1	.....	.....	.....	.....	.....	1	1	.....
District of Patricia	55	2	3	4	6	5	4	2	3	9	9	6	2

Table 7—Total Live Births and Live Births in Institutions, Showing the Number of Mothers Non-resident in the Province of Ontario, 1940

	ALL LIVE BIRTHS		IN INSTITUTIONS	
	Total	Mothers non-resident in Province	Total	Mothers non-resident in Province
Total for the Province	68,524	392	42,561	344

Table 8—Births (exclusive of Stillbirths) to Resident and Non-Resident Mothers, and Births in Institutions, in the Cities, Towns, and Villages of Ontario of 5,000 Population and over, 1940.

Cities, Towns, and Villages	ALL BIRTHS				BIRTHS IN INSTITUTIONS				BIRTHS ELSEWHERE THAN IN INSTITUTIONS			
	Total	Resident mothers	Mothers non-resident in city, town, or village where birth occurred and		Total	Resident mothers	Mothers non-resident in city, town, or village where birth occurred and		Total	Resident mothers	Mothers non-resident in city, town, or village where birth occurred and	
			Resident in Province	Non-resident in Province			Resident in Province	Non-resident in Province			Resident in Province	Non-resident in Province
Cities:												
Belleville	607	257	346	4	565	219	343	3	42	38	3	1
Brantford	660	547	112	1	543	435	107	1	117	112	5	....
Chatham	890	354	536	....	782	251	531	....	108	103	5	....
Fort William	572	439	130	3	507	382	123	2	65	57	7	1
Galt	349	244	105	....	280	182	98	....	69	62	7	....
Guelph	274	179	95	....	231	137	94	....	43	42	1	....
Hamilton	3,212	2,602	606	4	2,794	2,196	594	4	418	406	12	....
Kingston	879	527	347	5	815	470	341	4	64	57	6	1
Kitchener	893	589	304	....	777	473	304	....	116	116	....	....
London	1,849	1,329	515	5	1,653	1,157	491	5	196	172	24	....
Niagara Falls	486	351	135	....	441	310	131	....	45	41	4	....
North Bay	399	303	95	1	265	178	86	1	134	125	9	....
Oshawa	581	481	100	....	463	365	98	....	118	116	3	....
Ottawa	3,686	2,849	654	183	3,221	2,397	648	176	465	452	6	7
Owen Sound	374	251	123	....	258	158	100	....	116	93	23	....
Peterborough	720	506	214	....	640	427	213	....	80	79	1	....
Port Arthur	644	394	248	2	626	377	247	2	18	17	1	....
St. Catharines	743	496	247	....	594	379	215	....	149	117	32	....
St. Thomas	552	315	233	4	532	300	228	4	20	15	5	....
Sarnia	525	353	172	....	462	290	172	....	63	63	....	....
Sault Ste. Marie	671	541	128	2	498	380	116	2	173	161	12	....
Stratford	436	261	174	1	376	203	173	....	60	58	1	1
Sudbury	1,664	1,277	381	6	1,066	724	338	4	598	553	43	2
Toronto	11,118	8,230	2,845	43	9,712	6,864	2,806	42	1,406	1,366	39	1
Welland	429	217	211	1	351	143	207	1	78	74	4	....
Windsor	2,382	1,981	400	1	1,744	1,360	383	1	638	621	17	....
Woodstock	345	202	143	....	314	175	139	....	31	27	4	....
Towns:												
Barrie	327	176	148	3	284	148	133	3	43	28	15	....
Brampton	228	81	147	....	216	71	145	....	12	10	2	....
Brockville	377	225	151	1	362	211	150	1	15	14	1	....
Cobourg	161	97	64	....	124	60	64	....	37	37	....	....
Collingwood	184	91	93	....	147	59	88	....	37	32	5	....
Cornwall	658	430	214	14	526	299	214	13	132	131	....	1
Dundas	17	17	....	....	....	....	....	....	17	17	....	....
Eastview	153	149	2	2	....	....	....	....	153	149	2	2
Fort Erie	168	119	48	1	145	97	47	1	23	22	1	....
Fort Francis	138	95	42	1	43	23	20	....	95	72	22	1
Hawkesbury	224	174	30	20	71	29	25	17	153	145	5	3
Ingersoll	179	96	83	....	126	59	67	....	53	37	16	....
Kenora	282	180	97	5	276	174	97	5	6	6	....	....
Leamington	206	110	96	....	120	46	74	....	86	64	22	....
Lindsay	297	131	166	....	264	102	162	....	33	29	4	....
Midland	209	122	87	....	171	87	84	....	38	35	3	....
Mimico	102	40	62	....	73	13	60	....	29	27	2	....
New Toronto	52	49	3	....	1	....	1	....	51	49	2	....
Orillia	338	184	153	1	227	104	122	1	111	80	31	....
Pembroke	324	183	132	9	220	99	113	8	104	84	19	1
Port Colborne	94	79	15	....	....	....	....	....	94	79	15	....
Preston	48	38	10	....	....	....	....	....	48	38	10	....
Renfrew	193	104	85	4	149	63	82	4	44	41	3	....
Riverside	28	27	1	....	....	....	....	....	28	27	1	....
Simcoe	375	130	245	....	345	103	242	....	30	27	3	....
Smiths Falls	181	129	51	1	165	114	50	1	16	15	1	....
Thorold	74	50	24	....	52	31	21	....	22	19	3	....
Timmins	1,015	935	78	2	412	348	62	2	603	587	16	....
Trenton	129	122	6	1	1	....	1	....	128	122	5	1
Waterloo	56	50	6	....	....	....	....	....	56	50	6	....
Weston	108	42	66	....	65	18	47	....	43	24	19	....
Whitby	15	15	....	....	....	....	....	....	15	15	....	....
Villages:												
Forest Hill	8	8	....	....	....	....	....	....	8	8	....	....
Kirkland Lake	859	714	133	12	604	467	125	12	255	247	8	....
Swansea	6	6	....	....	....	....	....	....	6	6	....	....

Table 9—Births (exclusive of Stillbirths) Classified as Legitimate or Illegitimate and as Single or Plural by Sex, for Cities, Towns, and Villages of 5,000 and over, 1940

Province, Cities, Towns, and Villages	Total births			Legitimate			Illegitimate			Single births			Twin births			Triplets		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total
Total for the Province	**34946**	**33578**	**68524**	**33341**	**32016**	**65357**	**1605**	**1562**	**3167**	**34266**	**32932**	**67198**	**675**	**639**	**657**	**5**	**7**	**4**
Cities, Towns, and Villages of 5,000 and over:																		
Barrie	145	182	327	142	179	321	3	3	6	144	179	323	1	3	2	......	......	......
Belleville	310	297	607	300	277	577	10	20	30	301	292	593	9	5	7	......	......	......
Brampton	119	109	228	118	107	225	1	2	3	118	104	222	1	5	3	......	......	......
Brantford	310	350	660	296	338	634	14	12	26	306	348	654	4	2	3	......	......	......
Brockville	194	183	377	188	173	361	6	10	16	189	176	365	5	7	6	......	......	......
Chatham	457	433	890	444	421	865	13	12	25	455	429	884	2	4	3	......	......	......
Cobourg	79	82	161	76	79	155	3	3	6	77	82	159	2	......	1	......	......	......
Collingwood	88	96	184	86	92	178	2	4	6	85	93	178	3	3	3	......	......	......
Cornwall	349	309	658	338	287	625	11	22	33	340	294	634	9	15	12	......	......	......
Dundas	11	6	17	11	6	17	......	......	......	11	6	17	......	......	......	......	......	......
Eastview	77	76	153	77	71	148	......	5	5	77	76	153	......	......	......	......	......	......
Forest Hill	3	5	8	3	5	8	......	......	......	3	5	8	......	......	......	......	......	......
Fort Erie	95	73	168	91	71	162	4	2	6	95	73	168	......	......	......	......	......	......
Fort Francis	70	68	138	68	66	134	2	2	4	66	68	134	4	......	2	......	......	......
Fort William	300	272	572	287	264	551	13	8	21	299	265	564	1	7	4	......	......	......
Galt	166	183	349	162	182	344	4	1	5	160	179	339	6	4	5	......	......	......
Guelph	147	127	274	142	126	268	5	1	6	143	121	264	4	6	5	......	......	......
Hamilton	1,629	1,583	3,212	1,530	1,488	3,018	99	95	194	1,600	1,566	3,166	29	17	23	......	......	......
Hawkesbury	116	108	224	92	98	190	24	10	34	114	106	220	2	2	2	......	......	......
Ingersoll	97	82	179	94	78	172	3	4	7	94	81	175	3	1	2	......	......	......
Kenora	154	128	282	146	123	269	8	5	13	154	128	282	......	......	......	......	......	......
Kingston	443	436	879	424	407	831	19	29	48	439	430	869	4	6	5	......	......	......
Kirkland Lake	453	406	859	430	378	808	23	28	51	445	392	837	8	14	11	......	......	......
Kitchener	440	453	893	427	439	866	13	14	27	433	440	873	7	13	10	......	......	......
Leamington	103	103	206	99	101	200	4	2	6	103	101	204	......	2	1	......	......	......
Lindsay	153	144	297	147	136	283	6	8	14	151	142	293	2	2	2	......	......	......
London	939	910	1,849	853	839	1,692	86	71	157	913	898	1,811	26	12	19	......	......	......
Midland	102	107	209	92	101	193	10	6	16	102	105	207	......	2	1	......	......	......
Mimico	57	45	102	57	45	102	......	......	......	53	45	98	4	......	2	......	......	......
New Toronto	28	24	52	28	23	51	......	1	1	25	23	48	3	1	2	......	......	......
Niagara Falls	253	233	486	245	227	472	8	6	14	243	231	474	10	2	6	......	......	......
North Bay	207	192	399	199	173	372	8	19	27	202	187	389	5	5	5	......	......	......
Orillia	163	175	338	158	165	323	5	10	15	162	170	332	1	5	3	......	......	......
Oshawa	298	283	581	287	272	559	11	11	22	287	277	564	10	4	7	1	2	1
Ottawa	1,859	1,827	3,686	1,724	1,698	3,422	135	129	264	1,818	1,786	3,604	38*	41	40	3	......	1
Owen Sound	184	190	374	179	180	359	5	10	15	178	182	360	6	8	7	......	......	......
Pembroke	169	155	324	156	149	305	13	6	19	165	149	314	4	6	5	......	......	......
Peterborough	375	345	720	364	335	699	11	10	21	369	338	707	6†	7	7	......	......	......
Port Arthur	307	337	644	295	320	615	12	17	29	306	332	638	1	5	3	......	......	......
Port Colborne	52	42	94	51	41	92	1	1	2	50	40	90	2	2	2	......	......	......
Preston	27	21	48	27	20	47	......	1	1	27	21	48	......	......	......	......	......	......
Renfrew	99	94	193	95	93	188	4	1	5	99	92	191	......	2	1	......	......	......
Riverside	13	15	28	13	12	25	......	3	3	13	15	28	......	......	......	......	......	......
St. Catharines	375	368	743	362	357	719	13	11	24	370	365	735	5	3	4	......	......	......
St. Thomas	288	264	552	278	255	533	10	9	19	287	258	545	......	4	2	1	2	1

Sarnia	271	254	525	264	247	511	7	7	14	265	243	508	6	8	7	......	3	1
Sault Ste. Marie	330	341	671	318	317	635	12	24	36	325	324	649	5	17	11	......	......	......
Simcoe	200	175	375	199	171	370	1	4	5	198	173	371	2	2	2	......	......	......
Smith's Falls	96	85	181	90	78	168	6	7	13	92	83	175	4	2	3	......	......	......
Stratford	230	206	436	219	201	420	11	5	16	226	200	426	4	6	5	......	......	......
Sudbury	854	810	1,664	817	777	1,594	37	33	70	834	792	1,626	20	18	19	......	......	......
Swansea	3	3	6	3	3	6	......	......	......	3	3	6	......	......	......	......	......	......
Thorold	35	39	74	33	38	71	2	1	3	35	39	74	......	......	......	......	......	......
Timmins	523	492	1,015	511	470	981	12	22	34	509	474	983	14	18	16	......	......	......
Toronto	5,731	5,387	11,118	5,314	5,018	10,332	417	369	786	5,629	5,295	10,924	102	92	97	......	......	......
Trenton	61	68	129	57	65	122	4	3	7	60	65	125	1	3	2	......	......	......
Waterloo	26	30	56	26	28	54	......	2	2	26	30	56	......	......	......	......	......	......
Welland	223	206	429	215	197	412	8	9	17	218	201	419	5	5	5	......	......	......
Weston	52	56	108	51	55	106	1	1	2	50	54	104	2	2	2	......	......	......
Whitby	7	8	15	7	8	15	......	......	......	7	8	15	......	......	......	......	......	......
Windsor	1,257	1,125	2,382	1,204	1,066	2,270	53	59	112	1,238	1,100	2,338	19	25	22	......	......	......
Woodstock	193	152	345	192	146	338	1	6	7	191	150	341	2	2	2	......	......	......

*In the case of one twin confinement, one child (female) was born in the rural part of Carleton County, the other child in Ottawa city.

†In the case of one twin confinement, one child (female) was born in the town of Campbellford, the other child in Peterborough city.

Table 10—Births (exclusive of Stillbirths) Classified

Age of Father	Total	AGE OF																
		12 and under	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Under 16 years	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
16 years	3	....	....	....	....	2	....	1	....	....	....	....	....	....	....	....	....	....
17 "	22	....	....	....	1	4	6	7	2	1	....	....	....	....	....	....	....	....
18 "	121	....	....	....	5	10	23	33	28	8	7	3	2	1	....	....	....	....
19 "	365	....	....	1	5	15	46	102	85	59	28	11	6	3	3	1	....	....
20 "	789	....	....	....	4	21	74	142	184	174	87	48	29	8	9	2	5	....
21 "	1,194	....	....	....	8	29	89	152	254	227	165	122	72	29	17	12	5	5
22 "	1,799	....	....	1	1	23	68	180	308	331	290	245	143	86	40	34	18	12
23 "	2,462	....	....	....	7	22	74	183	315	399	375	355	283	185	109	64	39	17
24 "	2,977	....	....	....	5	16	53	132	281	390	437	411	438	307	220	114	63	47
25 "	3,421	....	....	1	2	13	49	136	244	329	365	460	433	470	371	233	113	85
26 "	3,821	....	....	....	1	10	44	108	194	294	341	428	470	489	490	395	225	134
27 "	3,974	....	....	1	3	6	29	84	144	228	275	360	431	458	528	460	380	220
28 "	3,902	....	....	....	3	4	22	63	118	168	214	290	325	409	504	474	391	360
29 "	3,960	....	....	....	....	5	10	60	89	129	158	226	278	385	425	413	412	425
30 "	3,793	....	....	....	1	4	9	42	59	112	107	175	246	308	381	399	396	393
31 "	3,548	....	....	1	....	1	9	30	55	72	101	125	160	231	260	237	350	324
32 "	3,375	....	....	....	1	2	9	23	28	45	71	121	149	179	238	269	283	343
33 "	3,029	....	....	....	1	2	5	11	26	42	48	72	114	128	162	198	222	292
34 "	2,754	....	....	....	....	....	....	8	26	39	41	58	79	105	126	151	165	233
35 "	2,661	....	....	....	....	....	3	10	13	37	34	48	42	88	126	120	143	193
36 "	2,391	....	....	....	....	....	3	7	17	28	26	40	37	63	86	105	114	142
37 "	2,099	....	....	....	1	....	3	11	8	19	17	22	39	49	61	84	100	89
38 "	1,949	....	....	....	....	1	....	5	10	18	19	23	27	40	37	52	62	93
39 "	1,735	....	....	....	....	....	1	3	5	6	15	19	29	32	47	45	44	68
40 "	1,534	....	....	....	....	1	....	2	6	7	9	11	18	15	31	40	43	50
41 "	1,129	....	....	....	....	....	1	1	3	6	6	6	10	12	16	25	25	34
42 "	1,128	....	....	....	....	1	1	2	2	2	9	8	8	15	16	19	20	32
43 "	929	....	....	....	....	....	....	....	1	6	1	4	11	12	18	14	18	18
44 "	752	....	....	....	....	....	1	....	2	3	3	5	5	10	11	10	16	8
45 "	607	....	....	....	....	....	....	....	2	2	5	4	7	2	13	12	10	10
46 "	534	....	....	....	....	....	....	1	....	2	1	4	2	9	4	12	5	16
47 "	460	....	....	....	....	....	....	1	....	2	2	2	1	1	7	10	6	14
48 "	401	....	....	....	....	....	....	....	....	2	3	2	5	6	3	5	4	9
49 "	333	....	....	....	....	....	....	....	2	....	1	2	6	4	3	5	3	3
50 "	269	....	....	....	....	....	....	....	....	1	....	1	....	....	4	6	4	2
51 "	188	....	....	....	....	....	....	....	....	....	1	1	....	3	3	3	3	4
52 "	173	....	....	....	....	....	....	....	....	....	3	1	1	1	1	2	2	3
53 "	140	....	....	....	....	....	....	....	....	....	....	....	2	2	1	2	3	4
54 "	104	....	....	....	....	....	....	....	....	1	1	2	....	....	1	....	2	4
55 "	91	....	....	....	....	....	....	....	....	1	....	3	1	2	....	2	3	1
56 "	69	....	....	....	....	....	....	....	1	....	1	....	....	....	1	1	....	....
57 "	47	....	....	....	....	....	....	....	....	....	....	....	....	1	....	2	....	4
58 "	45	....	....	....	....	....	....	....	....	....	....	....	3	1	1	2	....	1
59 "	39	....	....	....	....	....	....	....	....	....	....	1	....	2	2	1	1	1
60 "	33	....	....	....	....	....	....	....	....	....	....	1	2	....	....	....	1	1
61 "	11	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
62 "	27	....	....	....	....	....	....	....	....	....	....	....	1	2	....	1	2	....
63 "	19	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
64 "	15	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	1	....
65 and over	51	....	....	....	....	....	....	1	....	1	....	....	....	2	....	1	2	2
Not stated	85	....	....	....	....	4	1	....	1	3	5	2	1	1	2	3	2	2
Children born to married mothers	65,357	....	...	5	49	196	633	1541	2513	3194	3272	3722	3919	4157	4378	4141	3706	3698
Children born to unmarried mothers	3,167	1	1	11	45	151	239	288	315	303	273	236	157	184	145	123	107	83
Children born to all mothers	68,524	1	1	16	94	347	872	1829	2828	3497	3545	3958	4076	4341	4523	4264	3813	3781

according to Age of Parents, Ontario, 1940

MOTHER

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
2	1	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
7	5	3	1	1	....	....	....	....	1	....	1	....	....	....	....	....	....	....	...	...	....	....
13	8	5	3	....	1	....	5	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
27	12	12	4	....	1	5	2	....	....	....	....	....	....	....	....	....	....	....	...	...	....	....
49	24	15	13	8	2	2	2	....	....	....	....	1	....	....	....	....	....	....	...	...	....	1
76	41	25	19	9	8	5	5	3	4	....	2	....	....	....	....	....	....	....	...	...	....	1
130	104	59	34	17	8	8	4	....	....	....	1	1	....	....	....	....	....	....	...	...	....	1
217	129	82	51	26	19	12	8	3	3	3	1	1	....	....	....	....	....	....	...	...	....	2
384	210	135	80	47	28	19	15	15	4	3	1	....	2	....	....	....	....	....	...	...	....	2
345	326	203	105	69	41	26	19	9	8	4	3	....	1	....	....	....	....	....	...	...	....	2
369	336	318	182	101	79	34	29	22	9	5	5	2	....	....	....	....	....	....	...	...	....	1
343	320	314	259	158	80	57	42	15	10	9	3	....	1	....	1	....	....	....	...	...	....	2
308	306	278	275	249	125	66	46	24	15	8	3	3	....	....	....	....	....	....	...	...	....	....
230	226	276	271	225	188	137	65	49	31	13	8	3	....	....	1	....	....	....	...	...	....	....
205	221	218	262	241	234	204	89	52	31	20	11	9	1	2	1	1	1	1	...	...	....	....
169	192	185	218	205	230	175	174	63	43	25	25	8	4	4	2	....	....	....	...	...	....	1
116	155	133	186	192	196	177	128	152	77	32	28	9	9	4	1	1	....	....	...	...	....	....
111	119	111	150	169	172	174	160	142	105	75	42	13	10	4	1	1	2	1	...	...	....	....
109	77	122	122	113	141	144	137	124	130	104	38	23	22	12	1	....	....	....	...	...	....	2
72	99	68	86	111	136	128	132	105	108	114	78	30	22	7	3	1	1	....	...	...	....	....
35	38	62	70	74	79	79	102	79	110	92	68	49	26	12	3	3	3	....	...	...	....	....
34	49	43	59	67	63	92	98	92	96	78	83	48	58	17	5	5	2	1	2	1	....	....
18	34	32	52	61	61	60	70	65	76	86	58	62	47	27	6	7	3	1	...	...	....	....
23	27	32	23	45	54	58	50	57	51	66	55	41	48	32	14	2	....	....	...	...	....	....
9	12	19	20	19	31	50	43	50	45	58	58	26	45	28	19	6	1	1	...	...	....	....
15	20	17	24	19	25	24	48	33	48	41	38	39	30	23	14	10	9	....	1	...	....	....
13	16	12	17	19	23	22	33	43	38	35	37	23	29	24	12	10	5	3	...	...	....	....
6	11	15	21	24	16	25	17	25	28	37	31	28	23	24	17	4	6	2	2	...	....	....
14	9	9	6	11	19	19	22	26	23	44	19	18	21	21	8	8	4	....	1	...	....	2
2	9	13	6	12	12	9	20	16	27	26	21	20	18	20	11	6	1	2	...	...	....	....
2	7	7	8	10	12	7	11	8	10	19	11	14	11	10	10	6	3	....	4	...	....	....
5	5	2	7	6	9	14	8	14	9	16	19	6	18	9	3	2	3	1	1	2	....	....
3	2	4	4	4	7	7	10	8	5	14	8	8	14	7	8	5	5	1	2	...	....	....
1	....	2	5	3	7	2	3	6	7	7	7	7	5	10	10	7	3	....	...	1	....	....
3	....	2	4	3	4	7	4	5	1	7	5	5	6	6	9	5	2	....	...	...	....	....
3	2	2	3	2	4	3	5	5	4	11	2	5	1	6	1	1	5	....	...	...	....	....
3	....	1	1	....	1	2	2	4	2	5	3	3	3	1	2	4	1	1	1	...	....	....
....	2	1	1	2	1	2	2	1	4	2	5	4	3	5	1	....	1	....	...	...	....	....
....	1	1	....	1	2	....	....	3	3	4	3	1	5	1	3	3	....	....	...	...	....	....
....	1	....	3	2	1	1	1	4	2	2	2	2	1	2	1	1	2	....	...	...	....	....
....	....	....	....	....	....	3	1	2	1	....	....	1	1	....	....	....	1	....	...	...	....	....
1	....	....	1	....	1	4	....	5	....	2	3	1	....	....	1	....	1	1	...	...	....	....
1	2	....	1	2	2	....	....	1	1	1	....	1	3	2	....	1	....	....	...	...	....	....
1	1	....	....	....	1	....	....	1	1	....	4	1	....	....	....	1	....	....	...	...	....	....
2	1	1	3	6	....	4	2	3	4	1	2	3	4	1	3	....	....	....	1	...	....	1
3	1	2	2	1	....	1	1	....	3	....	....	1	....	....	....	....	....	....	...	...	....	43
3480	3164	2846	2662	2334	2124	1868	1615	1334	1178	1069	792	520	492	321	172	101	65	16	15	4	....	61
69	70	40	59	50	35	29	29	19	24	14	21	6	10	7	6	....	....	1	...	...	....	16
3549	3234	2886	2721	2384	2159	1897	1644	1353	1202	1083	813	526	502	328	178	101	65	17	15	4	....	77

Table 11—Births (exclusive of Stillbirths) Classified according to Racial Origin of Parents, Ontario, 1940

Racial Origin of Father	Total	RACIAL ORIGIN OF MOTHER																																		
		English	Irish	Scottish	Welsh	French	Armenian	Austrian	Belgian	Bulgarian	Chinese	Czech and Slovak	Danish	Dutch	Finnish	German	Greek	Hindu	Hungarian	Icelandic	Indian	Italian	Japanese	Jewish	Negro	Norwegian	Polish	Roumanian	Russian	Serb and Croat	Swedish	Swiss	Syrian	Ukrainian*	Other	Not specified
English	23659	14926	2939	3110	120	998	...	14	14	...	1	15	23	292	44	559	3	..	21	13	46	94	..	10	2	31	68	17	24	2	45	29	8	78	7	106
Irish	11054	3176	4384	1757	52	870	...	8	7	...	...	3	9	170	24	294	4	..	7	2	13	48	..	2	...	24	65	8	9	1	28	12	4	35	5	33
Scottish	9190	3294	1714	2916	63	464	...	6	6	1	...	6	10	151	32	254	2	..	3	5	20	34	..	1	1	37	34	4	12	4	24	13	4	42	5	28
Welsh	406	158	78	81	18	21	...	1	1	...	...	...	1	7	4	15	...	..	...	...	1	3	..	...	...	2	1	1	...	1	2	...	...	3	2	5
French	9245	811	688	354	13	6991	...	7	13	1	1	3	7	47	3	106	1	..	2	1	33	39	..	...	1	7	38	12	1	1	15	7	3	21	4	14
Armenian	15	2	...	...	...	1	11	...	...	...	...	...	...	1	...	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Austrian	96	16	4	9	...	6	...	21	...	...	...	2	...	1	...	12	...	..	3	1	1	...	..	...	...	...	8	...	4	1	...	...	...	6	...	1
Belgian	167	24	10	8	...	12	...	...	92	...	...	1	...	8	...	5	...	..	...	...	...	...	..	...	...	1	3	...	1	...	...	...	...	1	...	1
Bulgarian	24	3	4	...	...	2	...	...	...	8	...	...	...	...	...	2	2	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	3	...	...
Chinese	46	7	2	2	...	4	...	...	...	...	25	...	...	...	...	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	2	...	4
Czech and Slovak	329	8	6	4	...	4	...	2	...	...	...	267	...	...	4	3	...	..	2	...	...	1	..	...	...	...	6	1	3	1	...	...	...	16	...	1
Danish	140	48	12	11	1	10	...	1	2	...	...	1	34	...	5	5	...	..	...	1	...	...	..	...	...	...	3	...	1	...	5	...	...	...	...	...
Dutch	1030	332	184	161	2	64	...	1	6	...	...	1	2	221	3	30	...	..	...	...	4	3	..	...	...	1	...	1	...	...	1	7	...	4	...	2
Finnish	337	28	8	12	...	12	...	1	...	...	...	...	...	...	245	4	...	..	...	...	5	3	..	...	...	5	3	...	...	...	3	...	...	8	...	...
German	2883	550	344	221	8	144	...	3	1	...	...	4	3	31	2	1472	1	..	4	1	4	12	..	...	...	2	36	5	6	...	4	9	...	4	2	10
Greek	111	11	6	6	...	6	...	...	...	...	...	...	...	1	...	2	69	..	1	...	...	3	..	...	...	...	...	...	...	...	...	...	...	3	2	1
Hindu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Hungarian	363	18	7	8	...	9	...	1	...	...	...	7	...	2	4	5	...	..	272	...	1	2	..	...	...	1	4	4	2	2	...	1	...	12	...	1
Icelandic	17	2	3	6	...	2	...	...	...	...	...	...	...	...	...	...	...	..	...	2	1	...	..	...	...	...	...	...	...	...	...	...	...	1	...	...
Indian	659	23	7	8	...	22	...	...	...	...	...	...	...	4	1	4	...	..	...	...	587	...	..	...	...	...	1	...	...	...	...	...	...	1	...	1
Italian	1134	126	65	48	1	60	...	3	1	2	...	2	...	5	5	10	...	..	5	...	...	748	..	...	...	1	18	2	2	2	1	...	1	21	2	3
Japanese	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Jewish	895	17	6	6	...	2	...	...	...	...	...	...	...	...	1	...	...	..	1	...	...	1	..	850	1	...	3	1	3	1	...	...	...	1	...	1
Negro	143	2	1	1	1	4	...	...	1	...	...	...	...	...	...	1	...	..	...	...	...	...	..	...	132	...	...	...	...	...	...	...	...	...	...	1
Norwegian	145	42	21	16	2	14	...	2	...	...	...	...	...	1	6	1	...	..	1	...	2	...	..	...	...	21	3	...	...	...	12	...	...	...	...	1
Polish	883	72	41	17	1	32	...	3	1	1	...	6	...	2	2	20	...	..	...	...	1	11	..	2	...	2	578	7	13	...	2	...	...	67	1	1
Roumanian	118	17	4	4	...	7	...	2	...	...	...	...	2	1	1	5	...	..	4	...	...	...	..	1	...	...	6	50	2	...	1	...	1	9	1	...
Russian	192	24	5	10	1	12	...	2	...	...	...	...	...	1	...	4	...	..	3	...	2	...	..	2	...	1	21	2	76	1	2	...	...	17	3	3
Serb and Croat	233	7	4	3	1	5	...	...	...	...	...	1	...	...	1	3	...	..	2	...	2	4	..	...	...	...	7	2	1	176	...	...	...	12	1	1
Swedish	235	47	23	32	2	27	...	3	...	...	...	1	...	3	18	4	...	..	2	...	1	...	..	...	...	9	6	...	...	...	50	...	...	4	1	2
Swiss	178	43	15	18	1	8	...	...	...	...	...	...	...	7	...	22	...	..	1	...	...	...	..	...	...	...	2	...	...	...	1	59	...	...	...	1
Syrian	63	5	7	1	...	9	...	...	1	1	...	1	...	...	...	3	...	..	1	...	...	1	..	...	...	...	...	...	...	...	...	...	32	...	...	1
Ukranian	869	60	21	17	1	45	...	2	...	...	...	4	...	6	12	12	1	..	5	...	...	7	..	4	...	2	74	7	11	1	...	...	2	572	...	3
Other	77	10	10	5	...	6	...	...	...	...	...	...	1	...	1	2	...	..	1	...	...	2	..	...	...	...	5	...	3	...	...	...	1	3	26	1
Not specified	421	74	27	29	4	19	...	...	...	...	...	1	...	1	...	5	...	..	...	...	...	2	..	...	...	...	2	...	1	1	2	2	...	3	...	248
Children born to married mothers T.	65357	23983	10650	8881	292	9892	11	83	146	14	27	326	92	963	418	2864	83	..	341	26	724	1018	..	872	137	147	995	124	175	195	198	139	56	949	62	474
M.	33341	12287	5383	4505	146	5076	4	41	82	10	13	164	53	484	205	1447	31	..	177	17	365	504	..	460	75	83	499	66	89	97	115	77	26	459	29	272
F.	32016	11696	5267	4376	146	4816	7	42	64	4	14	162	39	479	213	1417	52	..	164	9	359	514	..	412	62	64	496	58	86	98	83	62	30	490	33	202

Children born to unmarried mothers	T.	3167	1044	512	367	10	497	1	4	3	2	2	14	5	41	26	127	5	..	18	1	174	31	..	10	16	2	51	11	13	6	14	2	4	69	5	80
	M.	1605	537	257	193	6	237	...	2	2	...	2	3	3	19	11	64	3	..	7	1	93	13	..	4	8	2	29	8	8	3	6	2	2	39	2	39
	F.	1562	507	255	174	4	260	1	2	1	2	...	11	2	22	15	63	2	..	11	..	81	18	..	6	8	...	22	3	5	3	8	...	2	30	3	41
Children born to all mothers.	T.	68524	25027	11162	9248	302	10389	12	87	149	16	29	340	97	1004	444	2991	88	..	359	27	898	1049	..	882	153	149	1046	135	188	201	212	141	60	1018	67	554
	M.	34946	12824	5640	4698	152	5313	4	43	84	10	15	167	56	503	216	1511	34	..	184	18	458	517	..	464	83	85	528	74	97	100	121	79	28	498	31	311
	F.	33578	12203	5522	4550	150	5076	8	44	65	6	14	173	41	501	228	1480	54	..	175	9	440	532	..	418	70	64	518	61	91	101	91	62	32	520	36	243

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*Including "Galician" and "Bukovinian."

Table 12—Legitimate Births (exclusive of Stillbirths) Classified

Racial Origin of Mother	Total	AGE OF														
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
English	23,983	3	19	72	251	581	1051	1304	1264	1367	1424	1658	1698	1562	1390	1388
Irish	10.650	.	8	31	73	230	389	478	499	577	623	646	679	607	570	592
Scottish	8,881	.	3	18	71	148	267	381	388	444	523	495	576	542	536	549
Welsh	292		...	1	6	8	6	17	11	11	22	14	24	21	23	19
French	9,892	1	13	37	136	280	394	487	512	654	636	612	657	647	513	501
Armenian	11		...	....	....	....	....	....	....	1	1	1	1	2	....	1
Austrian	83	.	...	.	1	1	....	7	4	12	3	5	7	8	....	3
Belgian	146	..	...	..	1	6	6	10	7	6	8	9	9	11	9	2
Bulgarian	14		...	1	....	1	2	1	1	....	1	....	1	....	1	1
Chinese	27	.	...	....	....	2	1	4	1	1	3	2	1	3	2	1
Czech and Slovak	326		...	....	1	5	10	17	13	6	2	14	12	12	16	9
Danish	92	..	...	....	....	3	3	3	8	3	2	10	4	4	3	5
Dutch	963	.	1	8	9	23	41	45	58	53	53	52	50	66	66	49
Finnish	418	.	..	1	8	12	13	23	17	29	24	27	34	13	18	14
German	2,864	.	2	4	15	55	90	114	122	173	178	165	163	195	177	158
Greek	83		...	....	....	4	3	5	1	2	3	7	7	8	4	6
Hindu	..		...	....	....	....	....	....	....	....	....	....	....	....	....	....
Hungarian	341		...	....	3	15	21	25	17	14	15	16	19	17	10	14
Icelandic	26		...	....	....	....	....	1	1	1	1	1	5	4	1	4
Indian	724	..	...	3	12	39	38	32	39	41	45	49	33	40	32	45
Italian	1.018	1	1	2	8	19	35	38	62	63	72	66	59	92	65	71
Japanese	...		...	....	....	....	....	....	....	....	....	....	....	....	....	....
Jewish	872		...	....	....	1	7	10	17	33	45	66	76	80	72	86
Negro	137		...	2	1	5	10	7	11	8	6	3	8	10	7	6
Norwegian	147		...	....	1	1	7	4	6	8	9	13	12	7	9	10
Polish	995	.	...	2	6	24	32	51	63	57	69	59	55	55	46	51
Roumanian	124	.	...	1	2	4	7	8	10	7	12	12	12	11	6	3
Russian	175		1	1	4	2	11	13	12	9	8	10	14	10	11	8
Serb and Croat	195	...	..	2	6	3	6	7	14	10	9	7	13	9	10	7
Swedish	198	.	...	1	....	3	6	12	7	17	9	14	16	20	8	9
Swiss	139	.	...	....	....	3	....	1	2	9	4	8	8	5	13	8
Syrian	56	.	...	....	....	1	4	2	5	1	4	2	4	3	1	4
Ukrainian*	949	..	1	6	12	35	35	67	77	78	77	89	83	39	52	39
Other	62	...	...	....	....	1	3	3	2	2	3	5	4	6	7	1
Not specified	474	..	...	3	6	26	15	17	21	25	25	20	34	32	28	34
Total	65,357	5	49	196	633	1541	2513	3194	3272	3722	3919	4157	4378	4141	3706	3698

*Including "Galician" and "Bukovinian".

according to Age and Racial Origin of Mothers, Ontario, 1940

MOTHER

29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
1279	1139	1066	928	794	701	613	536	424	363	347	228	166	158	85	52	37	21	5	2	1	....	6
548	572	475	482	428	398	335	263	249	222	182	169	87	90	73	34	15	17	1	3	....	....	5
512	468	456	416	320	332	288	250	208	187	155	112	89	64	37	18	9	8	6	2	1	....	2
15	18	10	12	7	9	12	6	3	6	2	6	1	1	1	....	....	....	....	....	....	....	....
478	422	365	371	330	288	276	259	203	190	176	135	90	86	66	35	19	9	1	5	2	....	6
1	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
4	5	....	4	6	2	6	3	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....
5	5	6	5	2	5	7	4	3	3	7	3	3	2	1	....	....	1	....	....	....	....	....
....	....	1	1	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....
1	....	2	....	....	1	....	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....
21	19	13	15	23	16	17	17	15	18	14	8	2	4	5	....	....	1	....	....	....	....	1
8	1	3	2	4	4	6	2	3	....	3	4	3	....	....	1	....	....	....	....	....	....	....
54	49	42	41	39	28	16	24	29	8	17	11	10	8	8	2	1	....	....	1	....	....	1
27	17	15	23	15	12	18	13	11	11	11	5	2	2	2	....	1	....	....	....	....	....	....
165	146	131	116	134	111	89	68	56	49	55	34	33	35	10	6	7	4	3	1	....	....	....
6	4	....	2	5	3	3	2	5	1	....	1	....	....	....	....	....	....	....	....	....	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10	8	9	17	19	14	12	14	5	13	10	9	3	5	4	2	1	....	....	....	....	....	....
1	1	....	1	1	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
30	29	30	17	25	22	24	12	14	17	18	18	4	2	3	3	1	2	....	....	....	....	5
59	34	32	28	30	30	25	24	15	21	20	8	8	11	5	8	5	1	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
94	67	55	45	26	30	20	11	6	11	5	3	1	2	2	1	....	....	....	....	....	....	....
9	6	3	4	4	4	5	3	2	5	3	3	1	1	....	....	....	....	....	....	....	....	....
10	6	8	8	8	8	4	1	5	1	....	....	....	....	....	1	....	....	....	....	....	....	....
37	42	44	48	40	33	37	41	25	19	20	10	5	8	10	2	2	1	....	....	....	....	1
2	4	3	4	4	3	1	2	1	2	2	....	....	....	....	....	....	....	....	....	....	....	1
8	8	4	4	5	6	5	5	4	3	1	3	....	1	2	2	....	....	....	....	....	....	....
4	12	8	5	10	10	8	12	7	6	1	3	3	2	1	....	....	....	....	....	....	....	....
13	7	8	8	6	6	2	10	5	4	....	3	....	2	1	....	....	....	....	1	....	....	....
9	10	10	5	8	6	7	4	10	1	3	1	1	2	....	....	1	....	....	....	....	....	....
5	3	2	2	3	4	2	2	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....
40	34	30	27	23	19	17	12	17	10	8	9	4	3	3	2	....	....	....	....	....	....	1
3	5	4	3	3	1	2	1	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
22	23	10	18	12	16	9	14	6	5	7	5	4	2	2	2	....	....	....	....	....	....	31
3480	3164	2846	2662	2334	2124	1868	1615	1334	1178	1069	792	520	492	321	172	101	65	16	15	4	....	61

Table 13—Births (exclusive of Stillbirths) Classified

Birthplace of Father	Total	BIRTHPLACE														
		Canada										British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other
Canada	51,558	28	287	233	2799	41,442	823	872	256	126	34	1901	247	761	66	3
Prince Edward Island	41	6	1	1	1	21	2	....	....	2	....	4	....	1	....	....
Nova Scotia	423	4	89	5	25	226	8	9	4	1	1	20	2	5	2	....
New Brunswick	283	2	10	71	31	122	5	12	....	2	....	10	1	2	....	....
Quebec	3,204	3	9	26	1255	1,633	30	27	9	8	....	49	11	35	2	....
Ontario	45,392	11	165	122	1428	38,262	476	553	180	86	51	731	220	677	61	3
Manitoba	920	1	6	6	17	467	222	57	12	6	....	31	6	23	1	....
Saskatchewan	786	....	3	2	22	420	61	187	18	5	....	22	5	11	....	....
Alberta	295	....	3	....	11	183	15	18	26	5	....	15	1	3	....	....
British Columbia	157	1	1	....	9	98	4	8	7	11	....	10	1	2	....	....
Province not specified	57	....	....	....	....	10	....	1	....	....	28	9	....	2	....	....
British Isles	7,651	5	50	28	179	4,469	116	77	32	17	18	1302	318	720	38	8
England	4,722	3	32	19	103	2,896	70	46	21	12	14	1004	65	233	21	5
Ireland	917	....	8	4	18	487	15	7	2	....	1	71	206	79	1	....
Scotland	1,796	2	9	5	53	956	31	21	8	4	3	196	41	391	5	1
Wales	189	....	1	....	5	117	....	3	1	1	....	27	6	10	11	....
Other	27	....	....	....	....	13	....	....	....	....	....	4	....	7	....	2
British Possessions	232	1	4	....	11	117	2	4	1	1	....	30	8	7	....	....
Newfoundland	135	....	4	....	6	64	....	3	1	....	....	17	7	4	....	....
Other	97	1	....	....	5	53	2	1	....	1	....	13	1	3	....	....
Europe	4,323	1	12	4	85	1,084	157	115	21	5	6	68	7	28	3	....
Austria	139	....	....	....	1	30	18	6	2	....	....	2	....	2	....	....
Belgium	132	....	....	....	2	34	3	1	1	....	1	2	....	....	....	....
Denmark	96	....	1	1	4	35	2	1	1	....	....	5	....	2	1	....
Finland	211	....	....	....	2	67	3	4	....	2	1	1	....	2	1	....
France	21	....	1	....	....	13	1	....	....	....	....	1	1	....	....	....
Germany	147	....	....	1	3	65	7	5	....	....	....	5	3	2	....	....
Holland	112	....	....	....	....	49	....	1	....	1	....	7	....	3	....	....
Hungary	310	....	....	1	2	26	3	17	2	....	....	1	....	1	....	....
Italy	639	1	3	1	17	241	7	2	....	1	2	9	2	1	....	....
Norway	57	....	....	....	1	22	5	7	....	1	....	3	....	....	1	....
Poland	1,007	....	2	....	20	205	60	25	6	....	1	11	1	1	....	....
Roumania	159	....	1	....	8	38	8	13	2	....	....	2	....	1	....	....
Russia*	466	....	....	....	11	104	24	18	4	....	1	5	....	3	....	....
Sweden	92	....	1	....	1	41	6	3	1	....	....	1	....	3	....	....
Other	735	....	3	....	13	114	10	12	2	....	....	13	....	7	....	....
Asia	101	....	1	....	6	41	3	3	....	7	....	4	....	1	....	....
China	45	....	1	....	2	21	1	1	....	7	....	2	....	1	....	....
Japan	2	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....
Other	54	....	....	....	4	18	2	2	....	....	....	2	....	....	....	....
United States	1,401	2	10	9	63	952	26	44	9	2	2	52	7	22	....	....
Various	20	....	....	....	....	9	....	....	....	....	....	....	1	....	....	....
Not specified	71	....	....	....	2	24	....	....	....	....	....	1	....	....	....	....
Children born to married mothers	65,357	37	364	274	3145	48,138	1127	1115	319	158	60	3358	588	1539	107	11
Children born to unmarried mothers	3,167	6	24	16	167	2,432	52	76	19	9	11	124	17	43	2	....
Children born to all mothers	68,524	43	388	290	3312	50,570	1179	1191	338	167	71	3482	605	1582	109	11

*Including the Ukraine.

according to Birthplace of Parents, Ontario, 1940

OF MOTHER

British Possessions		Europe															Asia					
Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
71	29	8	11	6	40	14	23	26	14	33	10	92	13	44	15	29	7	1	7	1165	10	12
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	..	....
7	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	11	1	....
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	13	..	....
3	3	....	....	....	1	2	1	....	1	3	1	6	....	4	3	....	....	....	1	77	..	1
59	23	6	10	6	33	11	21	23	10	28	9	64	12	31	9	25	7	1	6	999	8	11
1	....	....	....	....	3	1	....	....	....	1	....	18	....	6	3	2	....	....	....	29	1	....
....	....	1	1	....	2	....	1	1	3	....	....	2	1	1	....	1	....	....	....	16	..	....
....	....	1	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	....	....	11	..	....
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	4	..	....
1	....	....	....	....	....	....	....	1	....	....	....	....	....	2	....	....	....	....	....	3	..	....
15	17	4	2	4	4	4	3	3	1	2	2	8	1	5	....	5	1	....	....	191	2	....
8	11	3	1	2	3	1	2	1	1	1	2	7	1	5	....	4	1	....	....	123	1	....
2	....	....	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	13	..	....
4	5	1	....	1	1	3	1	1	....	1	....	....	....	....	....	1	....	....	....	50	1	....
1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	5	..	....
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....
25	13	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	7	..	....
24	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	..	....
1	13	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	..	....
4	2	70	77	32	139	10	52	50	238	330	10	679	71	261	21	526	1	....	3	146	2	3
1	....	45	....	....	....	....	4	....	5	....	....	4	3	6	....	4	....	....	....	6	..	....
....	....	....	71	....	....	2	....	6	....	....	....	....	....	....	....	1	....	....	....	8	..	....
....	....	....	2	30	5	....	....	....	....	....	....	1	....	....	....	....	....	....	....	5	..	....
....	....	....	....	....	115	....	....	....	....	....	1	....	....	....	....	....	1	....	....	11	..	....
....	....	....	1	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....
1	....	2	....	1	....	....	37	1	1	1	....	4	....	3	....	1	....	....	....	4	..	....
....	....	....	2	1	....	....	1	41	....	1	....	....	....	....	....	....	....	....	....	5	..	....
....	....	....	....	....	2	....	1	....	220	....	....	4	7	3	....	10	....	....	....	10	..	....
1	1	1	1	....	....	2	....	....	1	326	....	....	....	....	....	2	....	....	....	14	2	1
....	....	....	....	....	1	....	1	....	....	....	8	....	....	....	2	....	....	....	....	5	..	....
....	....	6	....	....	1	2	4	....	1	....	....	592	6	39	....	6	....	....	....	18	..	....
....	....	3	....	....	1	1	1	1	6	....	1	12	46	2	....	6	....	....	1	5	..	....
1	1	6	....	....	1	....	....	1	1	....	....	49	4	201	1	10	....	....	....	19	..	1
....	....	1	....	....	9	....	....	....	....	....	....	....	....	....	18	....	....	....	....	7	..	....
....	....	6	....	....	4	....	3	....	3	2	....	13	5	7	....	486	....	....	2	29	..	1
....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	8	....	21	2	1	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	....	....	1	..	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	..	....
....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	21	1	1	....
....	2	1	4	1	7	....	1	1	3	5	1	7	3	5	3	6	....	....	1	149	1	....
....	1	....	....	....	....	....	....	....	....	3	....	2	....	....	....	....	....	....	....	1	3	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	1	..	41
115	64	83	94	43	191	28	79	81	256	373	23	788	88	316	40	568	17	1	32	1662	19	56
4	5	2	....	1	14	4	....	1	12	5	2	20	3	5	2	15	....	....	....	57	..	17
119	69	85	94	44	205	32	79	82	268	378	25	808	91	321	42	583	17	1	32	1719	19	73

Table 14—Legitimate Births (exclusive of Stillbirths) Classified

Birthplace of Mother	Total	AGE OF																
		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Canada	54,737	...	5	48	183	596	1424	2306	2841	2986	3404	3563	3768	3980	3717	3196	3092	2820
Prince Edward Island	37	...	...	...	...	...	...	1	3	2	1	3	7	1	1	3	1	1
Nova Scotia	364	...	...	...	...	...	5	15	11	19	31	12	32	32	20	16	23	19
New Brunswick	274	...	...	...	...	2	7	3	9	12	13	15	19	23	11	16	18	25
Quebec	3,145	...		...	6	15	58	72	113	123	182	184	219	212	212	181	170	163
Ontario	48,138	...	5	47	170	557	1305	2116	2540	2647	2967	3129	3250	3450	3224	2788	2691	2449
Manitoba	1,127	...	...	...	3	6	20	32	62	64	84	90	107	103	96	55	85	64
Saskatchewan	1,115	...	...	1	3	7	17	43	69	84	92	96	104	103	105	90	59	62
Alberta	319	...	...	...	1	6	9	11	15	28	27	25	18	37	25	28	30	23
British Columbia	158	...	...	...	...	1	2	10	11	4	7	3	9	14	20	15	12	11
Province not specified	60	...	...	...	...	2	1	3	8	3	...	6	3	5	3	4	3	3
British Isles	5,603	...	...	...	2	15	38	94	156	156	182	197	191	198	192	236	310	372
England	3,358	...	...	...	1	9	27	56	83	96	115	125	118	116	109	150	174	222
Ireland	588	...	...	...	1	1	4	9	17	9	15	12	26	22	17	21	35	39
Scotland	1,539	...	...	...	...	3	7	28	50	44	47	55	43	55	62	59	95	108
Wales	107	...	...	...	...	2	...	1	6	7	4	4	4	5	4	5	6	3
Other	11	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	...
British Possessions	179	...	...	...	...	...	1	1	8	3	6	7	9	5	15	9	12	11
Newfoundland	115	...	...	...	...	...	1	1	6	3	4	6	7	3	8	6	8	9
Other	64	...	...	...	...	...	...	...	2	...	2	1	2	2	7	3	4	2
Europe	3,051	...	...	...	5	18	57	70	112	72	59	63	85	88	120	153	180	176
Austria	83	...	...	...	...	...	...	1	4	1	1	...	...	1	2	2	2	3
Belgium	94	...	...	...	...	...	2	2	3	5	4	1	3	5	6	8	...	3
Denmark	43	...	...	...	...	...	...	1	1	2	1	...	3	1	2	2	3	3
Finland	191	...	...	...	...	2	8	3	6	1	4	8	1	4	2	7	6	12
France	28	...	...	...	...	...	...	...	3	1	1	4	1	...	1	...	1	...
Germany	79	...	...	...	...	...	2	1	3	1	1	1	4	1	...	1	5	1
Holland	81	...	...	...	...	...	3	3	6	4	4	3	4	1	6	6	4	1
Hungary	256	...	...	...	...	2	11	15	20	10	4	8	6	7	12	7	13	9
Italy	373	...	...	...	...	1	3	10	8	8	9	9	6	12	20	25	27	18
Norway	23	...	...	...	...	...	...	...	...	1	1	...	4	1	1	1	1	...
Poland	788	...	...	...	1	5	15	9	17	9	8	14	17	21	28	39	63	55
Roumania	88	...	...	...	1	...	2	4	9	3	2	...	1	3	1	3	8	7
Russia*	316	...	...	...	1	2	1	2	3	3	5	8	18	10	14	26	22	31
Sweden	40	...	...	...	...	...	...	1	1	...	3	...	...	...	1	...	3	3
Other	568	...	...	...	2	6	10	18	28	23	11	7	17	21	24	26	22	30
Asia	50	...	...	...	...	...	...	2	1	...	...	1	...	2	5	2	3	6
China	17	...	...	...	...	...	...	...	...	...	...	1	...	...	4	2	1	2
Japan	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	32	...	...	...	...	...	...	2	1	...	...	...	...	2	1	...	2	4
United States	1,662	...	...	1	5	4	21	39	76	53	70	86	100	102	87	108	100	92
Various	19	...	...	...	...	...	...	...	...	...	...	...	2	1	2	1	1	2
Not specified	56	...	...	...	1	...	...	1	...	2	1	2	2	2	3	1	...	1
Total	65,357	...	5	49	196	633	1541	2513	3194	3272	3722	3919	4157	4378	4141	3706	3698	3480

*Including the Ukraine.

according to Age and Birthplace of Mothers, Ontario, 1940

MOTHER

30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
2478	2217	2010	1720	1555	1324	1177	950	833	730	560	384	347	232	120	72	49	11	13	3	.....	23
2	1	....	2	....	....	....	....	1	2	1	1	2	1	....	....	....	....	....	....	.....	.....
25	15	15	12	17	4	8	8	4	6	6	2	3	....	1	2	....	1	....	....	.....	.....
14	12	9	9	6	12	2	7	10	7	5	1	4	2	1	....	....	....	....	....	.....	.....
144	131	131	135	105	117	96	88	69	56	51	34	32	21	11	6	3	1	2	....	.....	2
2169	1960	1776	1512	1388	1155	1045	825	726	643	493	342	306	206	107	63	46	9	11	3	.....	18
57	38	42	28	20	20	15	8	11	10	2	2	....	1	....	1	....	....	....	....	.....	1
46	43	25	15	10	12	7	9	7	3	....	1	....	1	....	....	....	....	....	....	.....	1
8	8	7	2	4	2	1	1	1	1	1	....	....	....	....	....	....	....	....	....	.....	.....
9	7	4	5	3	....	2	4	2	2	1	....	....	....	....	....	....	....	....	....	.....	.....
4	2	1	....	2	2	1	....	2	....	....	1	....	....	....	....	....	....	....	....	.....	1
372	378	351	324	330	275	228	217	191	188	139	83	83	44	25	16	11	5	1	1	.....	2
217	215	193	192	203	163	133	139	114	119	83	55	62	31	17	12	5	2	....	1	.....	1
45	43	39	35	40	25	21	23	23	20	21	6	6	5	1	2	3	....	1	....	.....	1
103	113	106	90	80	83	71	52	50	47	33	20	13	7	7	2	3	3	....	....	.....	.....
7	7	13	5	7	2	3	3	2	1	2	1	2	1	....	....	....	....	....	....	.....	.....
....	....	....	2	....	2	....	....	2	1	....	1	....	....	....	....	....	....	....	....	.....	.....
11	10	7	14	9	8	9	7	7	3	2	2	1	....	2	....	....	....	....	....	.....	.....
7	4	2	6	6	4	8	4	4	2	2	2	1	....	1	....	....	....	....	....	.....	.....
4	6	5	8	3	4	1	3	3	1	....	....	....	....	1	....	....	....	....	....	.....	.....
192	165	191	196	167	170	152	124	114	102	70	37	46	31	20	9	5	....	1	....	.....	1
7	6	7	9	5	12	4	1	5	2	2	1	....	3	2	....	....	....	....	....	.....	.....
3	6	5	1	3	7	4	3	3	7	3	3	2	1	....	....	1	....	....	....	.....	.....
1	2	1	4	1	6	1	2	....	2	2	1	....	....	1	....	....	....	....	....	.....	.....
10	11	17	9	10	14	12	11	10	9	6	2	3	2	....	1	....	....	....	....	.....	.....
2	....	....	2	3	1	2	1	1	1	....	....	1	2	....	....	....	....	....	....	.....	.....
6	8	7	4	7	4	7	3	1	5	2	1	2	....	....	1	....	....	....	....	.....	.....
7	2	3	2	1	2	2	7	2	3	3	1	1	....	....	....	....	....	....	....	.....	.....
8	8	14	17	14	11	11	6	11	10	8	3	5	3	2	1	....	....	....	....	.....	.....
20	19	14	21	21	18	17	11	18	14	8	7	10	4	8	5	2	....	....	....	.....	.....
1	2	....	3	2	....	....	3	1	....	....	....	....	....	1	....	....	....	....	....	.....	.....
67	47	66	51	50	47	44	27	27	21	16	8	8	4	3	1	....	....	....	....	.....	.....
6	4	6	8	5	2	1	4	2	3	....	1	1	1	....	....	....	....	....	....	.....	.....
15	22	19	21	19	13	10	16	7	7	4	3	5	5	3	....	1	....	....	....	.....	.....
2	5	1	3	2	....	6	3	2	....	2	....	1	....	....	....	....	....	1	....	.....	.....
37	23	31	41	24	33	31	26	24	18	14	6	7	6	....	....	1	....	....	....	.....	1
2	2	1	3	6	6	2	1	1	....	1	....	1	....	....	2	....	....	....	....	.....	.....
...	1	....	....	1	2	....	....	1	....	1	....	....	....	....	1	....	....	....	....	.....	.....
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	.....
2	1	....	3	5	4	2	1	....	....	....	....	1	....	....	1	....	....	....	....	.....	.....
108	71	101	75	56	83	46	34	30	44	19	14	14	14	5	2	....	....	....	....	.....	2
1	2	1	2	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	.....	.....
....	1	....	....	....	1	1	....	1	2	1	....	....	....	....	....	....	....	....	....	.....	33
3164	2846	2662	2334	2124	1868	1615	1334	1178	1069	792	520	492	321	172	101	65	16	15	4	.....	61

Table 15—Plural Births Classified to Show Number of Children Born Alive and Stillborn by Sex, for the Province of Ontario, 1940

Classification of Births		Total
Twin Births		728
Two males (both living)		220
One male and one female (both living)		235
Two females (both living)		202
One male living and one male stillborn		20
One male living and one female stillborn		10
One male stillborn and one female living		11
One female living and one female stillborn		17
Two males (both stillborn)		6
One male and one female (both stillborn)		3
Two females (both stillborn)		4
Triplet births		5
Three males (all living)		1
One male and two females (all living)		2
Three females (all living)		1
One male and one female stillborn and one female living		1
Total multiple births	No.	733
	M.	757
	F.	714
Total single live births	No.	67,139
	M.	34,236
	F.	32,903
Total single stillbirths	No.	1,951
	M.	1,039
	F.	912
Total confinements		69,823

MARRIAGES

Table 16—Marriages in the Province of Ontario by Months, 1940

	Total Marriages	Months											
		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total for the province	41,229	1,904	1,800	2,329	2,470	2,751	5,723	4,432	5,571	4,535	3,758	3,376	2,580

Table 17—Marriages—Conjugal Condition of Contracting Parties, in the Province of Ontario, 1940

	Total Marriages	MARRIAGES BETWEEN									Per cent. of Bridegrooms who were			Per cent. of Brides who were		
		Bachelors and			Widowers and			Divorced men and								
		Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women	Spinsters	Widows	Divorced Women	Bachelors	Widowers	Divorced	Spinsters	Widows	Divorced
Total for the province	41,229	40,706	61	18	179	204	13	34	4	10	98.9	1.0	0.1	99.2	0.7	0.1

Table 18—Marriages Reported in Rural and Urban Parts of Counties, in the Province of Ontario, 1940

COUNTIES	Total	Rural	Urban	COUNTIES	Total	Rural	Urban
Total for the province	41,229	8,601	32,628	Manitoulin	81	75	6
Addington	61	61	....	Middlesex	1,550	239	1,311
Algoma	549	114	435	Muskoka	223	57	166
Brant	652	82	570	Nipissing	446	153	293
Bruce	364	203	161	Norfolk	268	116	152
Carleton	2,491	265	2,226	Northumberland	293	131	162
Cochrane	788	273	515	Ontario	548	192	356
Dufferin	127	89	38	Oxford	515	159	356
Dundas	136	53	83	Parry Sound	250	150	100
Durham	191	98	93	Peel	277	150	127
Elgin	537	200	337	Perth	526	134	392
Essex	1,832	192	1,640	Peterborough	479	74	405
Frontenac	597	125	472	Prescott	219	111	108
Glengarry	158	118	40	Prince Edward	120	70	50
Grenville	133	62	71	Rainy River	163	24	139
Grey	532	217	315	Renfrew	568	205	363
Haldimand	197	96	101	Russell	149	109	40
Haliburton	36	36	....	Simcoe	918	306	612
Halton	258	66	192	Stormont	411	96	315
Hastings	681	203	478	Sudbury	862	196	666
Huron	390	216	174	Thunder Bay	1,003	68	935
Kenora	230	20	210	Timiskaming	598	130	468
Kent	762	199	563	Victoria	313	140	173
Lambton	525	206	319	Waterloo	1,102	159	943
Lanark	282	61	221	Welland	1,090	249	841
Leeds	377	149	228	Wellington	557	133	424
Lennox	121	60	61	Wentworth	2,543	258	2,285
Lincoln	740	97	643	York	11,367	1,113	10,254
				District of Patricia	43	43	....

Table 19—Marriages—Ages of Bridegrooms and Brides, Ontario, 1940

Age of Bride-groom	Total grooms	AGE OF BRIDE																																						
		Under 16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50—54	55—59	60—64	65—69	70—74	75 and over
Under 18	43	5	6	13	8	4	5	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18	316	9	38	62	93	49	32	22	7	3	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
19	890	13	50	149	261	188	122	49	19	15	11	4	4	2	....	....	1	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
20	1,613	23	53	159	381	325	300	149	91	43	27	20	15	10	5	4	4	....	....	....	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....
21	2,802	15	62	165	573	537	516	385	200	115	97	50	24	24	8	11	6	4	....	....	2	2	3	....	1	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....
22	2,949	7	44	127	420	462	520	444	344	209	144	90	56	22	21	16	9	3	3	4	2	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
23	3,425	14	46	133	370	456	504	472	425	413	245	126	87	44	37	22	9	7	5	7	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
24	3,725	9	38	107	325	399	453	483	465	429	352	267	158	81	70	40	23	6	4	4	1	5	4	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
25	3,579	....	26	76	224	301	356	391	408	420	443	346	225	132	87	48	40	16	14	11	2	2	7	1	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
26	2,953	12	21	51	177	208	263	301	303	344	344	281	218	141	101	74	40	20	14	8	10	5	4	1	3	2	3	....	....	....	1	1	1	....	....	....	....	1	....	....	....	....
27	2,185	7	20	33	115	122	167	195	208	243	237	215	202	148	102	60	37	26	16	8	6	4	4	3	1	1	1	1	1	....	1	....	....	....	....	....	....	1	....	....	....	....
28	2,725	2	15	37	120	127	169	205	238	297	284	282	249	220	164	122	63	58	25	15	10	5	2	5	2	2	2	....	....	....	1	2	1	....	1	....	....	....	....	....	....	....
29	2,370	6	9	31	89	92	143	151	183	230	237	200	190	221	173	132	82	68	52	25	16	10	7	2	5	4	2	2	4	....	1	2	....	....	1	....	....	....	....	....	....	....
30	1,654	4	12	11	45	62	102	86	113	130	161	140	131	135	136	90	71	52	50	22	32	26	13	4	8	2	3	1	1	4	....	3	1	....	2	....	1	....	....	....	....	....
31	1,318	1	7	7	33	46	56	68	83	90	92	124	96	105	106	83	85	86	37	39	23	18	11	4	3	4	2	3	3	1	....	....	....	....	....	....	2	....	....	....	....	....
32	1,145	1	5	12	19	31	43	65	55	78	91	73	94	87	100	83	71	52	62	31	25	21	18	4	6	5	2	4	2	2	1	....	....	1	....	....	1	....	....	....	....	....
33	913	1	2	7	20	30	33	27	31	55	48	60	73	60	79	64	64	55	52	42	23	24	14	11	12	9	2	5	2	2	1	....	1	3	....	....	1	....	....	....	....	....
34	776	....	2	5	13	27	25	24	25	40	45	52	53	56	66	62	49	40	44	30	38	28	17	9	9	5	4	....	2	....	1	....	1	....	....	2	2	....	....	....	....	....
35	707	....	3	7	10	19	21	16	24	30	41	55	43	41	55	37	55	36	30	40	31	30	10	18	12	14	6	3	3	1	6	3	4	....	1	....	....	2	....	....	....	....
36	523	....	....	3	7	14	17	10	15	24	26	29	26	31	30	36	30	26	29	23	28	21	26	14	15	10	14	1	5	3	3	1	1	1	2	2	....	....	....	....	....	....
37	415	1	3	2	12	8	14	13	9	11	22	18	26	24	24	19	25	26	32	19	21	17	23	14	3	10	7	4	1	1	....	....	....	3	1	1	1	....	....	....	....	....
38	466	1	....	5	5	13	14	20	13	15	30	24	12	16	20	32	27	24	27	28	21	27	18	13	19	20	5	5	4	4	....	1	1	....	....	....	2	....	....	....	....	....
39	435	....	1	3	7	3	9	4	12	12	15	22	19	26	31	20	28	27	17	15	20	23	20	20	21	16	13	8	3	6	4	1	1	2	4	....	1	1	....	....	....	....
40	335	....	2	2	2	7	3	4	4	11	7	16	16	17	21	19	19	17	12	18	13	13	13	15	16	9	14	9	5	4	6	6	1	5	1	2	4	1	1	....	....	....
41	266	....	....	....	5	4	4	5	2	3	7	8	15	5	11	12	17	18	9	17	8	15	12	10	13	16	7	11	9	7	5	2	3	1	....	2	2	1	....	....	....	....
42	250	....	....	....	2	4	6	4	3	2	5	2	6	6	14	9	17	10	18	9	9	14	18	16	10	16	6	7	10	2	5	3	3	3	3	2	4	....	2	....	....	....
43	168	....	....	....	2	1	1	1	3	1	3	8	3	4	6	5	9	6	7	11	6	8	8	9	9	10	7	6	7	6	4	7	2	....	1	1	5	1	....	....	....	....
44	188	....	....	....	....	3	2	2	2	3	5	6	4	5	3	6	6	7	10	4	6	6	8	6	10	6	19	6	8	13	5	5	4	2	5	3	8	....	....	....	....	....
45	192	....	....	....	1	1	....	2	5	3	1	5	6	9	6	5	10	9	6	7	14	12	9	5	6	6	9	6	4	3	6	7	8	8	4	2	5	2	....	....	....	....
46	135	....	....	....	....	2	....	2	....	1	1	3	3	3	2	5	5	2	10	3	4	3	8	5	9	6	4	7	4	9	7	5	3	4	3	3	5	3	....	1	....	....
47	108	....	....	....	....	1	1	1	1	1	....	....	....	4	3	3	3	2	6	1	4	5	4	5	2	5	6	4	8	7	3	5	7	2	4	1	6	1	2	....	....	....
48	164	....	....	....	....	....	2	1	....	2	1	....	2	4	5	4	5	6	6	10	5	4	3	7	8	11	5	4	12	8	3	9	8	8	3	....	15	3	....	....	....	....
49	159	....	....	....	....	....	....	3	....	2	....	....	3	6	4	1	6	9	6	2	6	9	7	6	11	5	7	5	6	3	2	6	6	9	2	9	11	6	1	....	....	....
50-54	495	....	1	....	3	6	4	4	....	1	4	3	8	7	12	7	14	11	15	11	15	18	10	13	14	21	25	11	18	18	21	18	14	16	15	24	76	25	9	3	....	....
55-59	367	....	....	....	....	....	....	1	1	3	2	4	6	4	....	1	4	1	6	5	5	7	2	8	7	9	9	9	9	15	15	8	18	15	18	16	75	59	19	6	....	....
60-64	226	....	....	....	1	....	....	....	....	....	1	2	2	1	1	....	5	2	1	1	2	4	4	....	4	4	7	2	5	7	3	4	7	7	11	6	45	39	34	9	5	....
65-69	144	....	....	1	....	....	1	....	....	....	....	....	....	1	2	1	....	....	1	1	1	1	....	1	2	....	4	4	3	....	1	4	5	4	2	4	16	38	26	15	2	3
70-74	78	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	2	....	....	....	....	1	....	2	5	4	5	10	21	11	15	1
75-79	20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	2	5	4	4	3	1
80 and over	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	3	2
Not stated	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total brides	41,229	131	466	1208	3343	3552	3908	3611	3292	3279	3029	2536	2075	1702	1505	1133	940	732	627	471	412	388	308	231	244	229	198	129	141	127	108	104	101	96	90	85	295	199	120	49	28	7

Table 20—Marriages—Denominations of Contracting Parties, for the Province of Ontario, 1940

Denomination of Groom	Total Grooms	DENOMINATION OF BRIDE																												
		Adventists	Anglicans	Baptists	Brethren	Christians	Christian Science	Church of Christ	Disciples	Evangelicals	Friends	Greek Catholics	Greek Orthodox	Holiness Movement	Jews	Lutherans	Mennonites	Mormons	Pentecostal	Presbyterians	Protestants	Roman Catholics	Salvation Army	Unitarians	United Brethren	United Church	Oriental religions	No religion	Other sects	Not stated
Adventists	20	15	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...
Anglicans	9,063	5	5034	393	8	4	25	13	1	13	2	15	11	...	4	104	4	15	14	746	12	720	19	1	...	1852	...	...	45	3
Baptists	2,288	...	364	995	5	5	4	1	...	12	...	4	6	...	...	26	4	6	8	168	3	152	12	...	...	477	...	...	34	2
Brethren	117	...	6	3	93	1	...	...	...	...	...	...	...	...	...	1	...	...	1	2	1	1	2	...	...	4	...	...	2	...
Christians	58	...	3	2	...	31	...	...	...	...	...	...	...	...	...	...	1	1	...	2	1	3	...	...	...	12	...	...	2	...
Christian Science	81	...	16	4	...	...	34	...	...	...	...	...	...	...	...	...	...	...	...	7	...	6	...	...	...	14	...	...	...	...
Church of Christ	73	...	13	...	1	1	...	30	...	...	...	...	...	...	...	...	...	...	2	8	...	3	1	...	...	13	...	...	1	...
Disciples	23	...	1	2	...	...	...	...	5	...	...	...	...	...	...	1	...	...	...	4	...	3	...	...	...	6	...	...	1	...
Evangelicals	157	1	10	5	...	...	...	...	...	74	...	...	...	...	...	20	3	...	1	7	...	11	2	...	...	22	...	...	1	...
Friends	13	...	1	...	...	...	...	1	...	...	5	...	...	...	...	1	...	...	1	2	...	...	...	...	...	2	...	...	...	...
Greek Catholics	244	...	3	3	...	...	...	...	...	...	...	166	6	...	1	3	...	...	1	3	...	49	...	...	...	9	...	...	...	...
Greek Orthodox	195	...	9	2	...	...	...	...	...	...	...	9	122	...	1	2	...	...	...	8	3	29	...	...	...	10	...	...	...	...
Holiness Movement	19	...	1	...	1	...	...	...	...	...	...	...	1	8	...	...	...	...	...	1	...	...	...	...	...	5	...	...	2	...
Jews	814	2	13	4	...	...	...	...	...	1	...	1	1	...	760	3	...	1	...	5	...	12	...	...	...	8	...	...	3	...
Lutherans	1,122	...	92	30	1	2	...	...	...	27	...	6	5	...	...	663	7	3	1	70	3	98	4	...	1	104	...	...	5	...
Mennonites	203	...	5	8	...	1	1	...	...	3	...	1	...	...	...	10	149	1	...	3	2	6	...	...	...	12	...	...	1	...
Mormons	90	...	12	5	...	...	...	...	...	...	...	...	...	...	1	2	...	32	...	8	1	4	...	...	...	24	...	...	1	...
Pentecostal	171	1	7	7	...	...	...	...	...	1	...	...	...	...	...	1	2	1	133	4	1	2	1	...	...	9	...	...	1	...
Presbyterians	4,567	1	835	214	8	1	5	9	4	12	...	4	9	...	1	91	7	11	8	1964	7	363	14	...	...	984	...	...	14	1
Protestants	880	...	29	6	...	...	...	...	...	...	...	...	2	...	1	2	...	...	1	9	722	85	1	...	...	22	...	...	...	...
Roman Catholics	8,791	...	481	100	...	...	...	1	1	8	...	39	18	1	3	79	2	4	10	210	52	7313	7	...	...	445	...	...	16	1
Salvation Army	177	...	13	9	...	...	...	...	...	...	...	...	...	...	...	...	...	2	5	9	...	7	105	...	...	25	...	...	2	...
Unitarians	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
United Brethren	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
United Church	11,600	1	1328	400	6	8	19	13	6	22	1	7	13	3	5	123	6	11	19	724	7	552	22	...	...	8248	...	2	52	2
Oriental religions—(Buddhists, Confucians, Mohammedans, Shintos, Sikhs, Hindus)	4	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	1	...	...
No religion	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...
Other sects	428	...	28	23	...	2	1	1	...	2	...	1	...	2	1	5	2	...	2	18	...	25	...	...	...	63	...	...	251	1
Not stated	27	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	2	...	...	...	8	...	...	...	9
Total Brides	41,229	26	8312	2216	124	57	89	69	17	175	8	253	194	14	778	1137	187	88	207	3985	816	9449	190	1	1	12378	..	4	435	19

Table 21—Marriages—Birthplace of Bridegrooms and Brides, for the Province of Ontario, 1940

Birthplace of Bridegroom	Total	BIRTHPLACE OF BRIDE																																					
		Canada										British Isles					British Possessions		Europe															Asia					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Canada	37,532	12	93	76	491	34125	328	381	123	48	.	755	90	336	25	..	27	11	2	7	4	26	3	7	9	18	24	2	65	12	36	7	30	4	2	2	305	2	44
Prince Edward Island	8	4	...	...	...	3	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	.
Nova Scotia	121	3	11	5	3	83	4	...	3	1	.	4	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	.
New Brunswick	97	1	2	10	3	56	4	5	2	..	.	7	...	1	...	...	...	...	...	...	...	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	3	...	.
Quebec	549	.	2	3	119	344	13	10	3	2	.	22	1	5	4	.	1	...	1	...	...	...	...	...	1	...	3	...	1	1	...	...	1	...	...	1	11	...	..
Ontario	35,743	3	71	56	353	33023	193	257	84	32	..	692	84	309	21	.	25	9	1	6	4	24	2	7	7	17	20	1	57	9	33	7	25	4	2	1	259	1	44
Manitoba	404	.	3	2	7	227	80	33	2	1	.	12	2	7	...	...	...	...	...	1	...	...	1	...	1	...	1	...	5	1	2	...	2	...	...	...	14	...	..
Saskatchewan	377	..	1	..	3	236	22	66	10	3	.	8	1	11	...	.	1	2	...	...	...	...	...	...	...	1	...	...	2	...	1	...	2	...	...	...	7	...	..
Alberta	156	1	3	..	2	103	6	6	16	3	.	6	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	6	...	..
British Columbia	75	.	...	..	1	49	6	4	3	6	.	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
Province not specified	2	.	...	...	...	1	...	...	...	...	.	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Isles	2,147	2	15	12	51	1375	29	30	18	3	1	317	50	152	12	.	6	2	2	1	...	1	1	2	2	1	1	..	6	1	6	2	4	1	...	1	37	...	3
England	1,384	.	6	6	30	894	22	19	8	2	1	243	23	77	8	..	2	1	1	...	...	1	1	2	2	...	...	...	5	1	3	1	1	1	...	1	22	...	...
Ireland	206	.	1	2	6	120	1	4	2	...	.	22	21	15	1	.	2	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	2	...	...	...	4	..	1
Scotland	509	2	7	3	11	326	5	7	7	1	..	49	6	60	2	.	2	1	1	1	...	...	...	...	...	1	...	...	...	...	3	1	1	...	...	..	10	...	2
Wales	46	.	1	1	4	33	1	...	1	...	.	3	...	...	1	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	1	...	...
Other	2	.	...	...	...	2	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Possessions	61	1	1	..	1	40	1	...	1	..	..	4	1	...	...	.	4	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	1	.	...
Newfoundland	29	...	...	...	1	21	...	...	...	...	...	2	1	...	...	..	4	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
Other	32	1	1	..	...	19	1	...	1	..	..	2	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	1	...	...
Europe	835	.	1	..	15	305	40	25	6	..	1	30	4	5	1	.	1	3	13	6	3	54	2	3	9	19	21	...	114	15	55	3	54	2	...	.	25	...	..
Austria	24	..	...	..	2	4	3	3	...	...	...	2	...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...
Belgium	18	..	...	..	1	10	...	1	...	...	...	1	...	...	...	...	...	...	...	4	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Denmark	22	..	...	..	2	10	1	...	...	...	...	4	...	...	...	...	...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Finland	79	.	...	..	...	32	3	...	...	...	...	1	...	...	...	...	...	...	...	...	...	43	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
France	8	..	...	..	1	2	...	...	...	...	...	1	...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Germany	28	..	...	..	1	14	2	2	...	...	...	2	1	1	...	...	...	1	...	...	...	1	...	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Holland	19	.	...	..	1	7	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Hungary	46	.	...	..	...	13	...	2	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	17	...	...	1	4	...	...	4	...	...	...	3	...	...
Italy	68	.	...	..	2	37	...	...	...	...	...	4	...	...	...	...	...	...	1	...	...	1	...	...	...	...	21	...	...	...	1	...	...	...	...	...	1	...	...
Norway	10	..	...	..	1	3	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Poland	243	..	1	..	2	83	18	5	4	...	...	8	1	...	...	...	...	...	2	...	...	...	1	...	...	...	...	...	86	4	18	1	2	...	...	...	7	...	...

Roumania	28	...	...	...	...	6	2	2	...	...	...	1	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	9	4	1	...	3	...	...	...	...	...	...
Russia*	104	...	...	...	...	35	4	6	2	...	1	3	1	1	1	...	...	...	2	...	...	...	...	...	...	...	...	...	12	1	32	...	...	2	...	.	1	...	...
Sweden	19	...	...	...	...	12	1	...	...	...	...	1	...	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2	...	...	...	.	...	...	...
Other	119	...	...	...	2	37	5	1	...	...	...	2	...	1	...	...	1	...	...	...	...	5	...	1	...	2	...	...	5	1	3	...	45	...	...	...	8	...	...
Asia	37	...	...	...	4	20	...	3	...	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	3	...	...
China	24	...	...	...	4	11	...	3	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	1	...	...
Japan	4	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Other	9	...	...	...	...	6	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...
United States	544	...	4	2	12	380	9	15	...	2	1	27	2	5	1	...	2	3	1	...	...	1	...	1	...	3	2	...	5	...	2	1	3	...	...	...	60	...	...
Various	10	...	...	...	...	7	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Not specified	63	...	...	...	1	56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
Total brides	41,229	15	114	90	575	36308	408	454	149	55	4	1134	147	498	39	...	40	25	18	14	7	82	6	13	20	42	48	2	190	28	100	13	91	9	2	3	431	2	53

*Including the Ukraine.

Table 22—Marriages—Literacy of Bridegrooms and Brides in Ontario, Classified by Birthplace, 1940

Birthplace	Bridegrooms			Brides		
	Total	Illiterate	Per cent. Illiterate	Total	Illiterate	Per cent. Illiterate
Total	41,229	14	†	41,229	7	†
Canada	37,532	8	†	38,172	3	†
Prince Edward Island	8			15		
Nova Scotia	121			114		
New Brunswick	97			90		
Quebec	549			575		
Ontario	35,743	8	†	36,308	3	†
Manitoba	404			408		
Saskatchewan	377			454		
Alberta	156			149		
British Columbia	75			55		
Province not specified	2			4		
British Isles	2,147			1,818		
England	1,384			1,134		
Ireland	205			147		
Scotland	509			498		
Wales	46			39		
Other	2					
British Possessions	61			65		
Newfoundland	29			40		
Other	32			25		
Europe	835	4	0.5	674	4	0.6
Austria	24			18		
Belgium	18			14		
Denmark	22			7		
Finland	79			82		
France	8			6		
Germany	28			13		
Holland	19			20		
Hungary	46			42		
Italy	68			48		
Norway	10			2		
Poland	243	1	0.4	190	1	0.5
Roumania	28	2	7.1	28	1	3.6
Russia*	104	1	1.0	100	2	2.0
Sweden	19			13		
Other	119			91		
Asia	37	2	5.4	14		
China	24	2	8.3	9		
Japan	4			2		
Other	9			3		
United States	544			431		
Various	10			2		
Not specified	63			53		

*Including the Ukraine. † Less than one-tenth of one per cent.

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in Ontario, by Months, Classified as Rural and Urban, 1940

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Ontario	2,959	275	239	241	245	282	210	223	204	211	249	278	302
Rural	814	80	81	69	68	80	57	53	58	42	64	84	78
Urban	2,145	195	158	172	177	202	153	170	146	169	185	194	224
Addington	6	1	....	....	1	2	....	....	....	....	....	1	1
Rural	6	1	....	....	1	2	....	....	....	....	....	1	1
Algoma	54	4	2	6	4	7	3	6	4	2	6	6	4
Rural	12	2	1	2	....	1	....	1	2	....	3	....	....
Urban	42	2	1	4	4	6	3	5	2	2	3	6	4
Sault Ste. Marie, c.	35	2	1	3	4	6	3	4	2	1	3	4	2
Blind River, t.	5	....	....	1	....	....	....	1	....	....	....	1	2
Thessalon, t.	2	....	....	....	....	....	....	....	....	1	....	1	....
Brant	34	4	5	6	2	1	2	1	1	2	2	2	6
Rural	8	1	2	2	....	....	....	....	....	....	1	1	1
Urban	26	3	3	4	2	1	2	1	1	2	1	1	5
Brantford, c.	24	3	3	4	2	1	2	1	1	2	1	1	3
Paris, t.	2	....	....	....	....	....	....	....	....	....	....	....	2
Bruce	39	1	5	2	3	2	6	2	6	....	4	5	3
Rural	27	1	5	2	....	1	3	2	4	....	2	5	2
Urban	12	....	....	....	3	1	3	....	2	....	2	....	1
Chesley, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Kincardine, t.	2	....	....	....	1	....	1	....	....	....	....	....	....
Southampton, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Walkerton, t.	9	....	....	....	2	1	2	....	1	....	2	....	1
Wiarton, t.	1	....	....	....	....	....	....	....	1	....	....	....	....
Port Elgin, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Carleton	203	11	18	22	21	17	16	15	17	16	12	16	22
Rural	17	....	2	2	1	1	1	....	1	3	....	1	5
Urban	186	11	16	20	20	16	15	15	16	13	12	15	17
Ottawa, c.	180	11	16	19	19	14	14	15	16	13	11	15	17
Eastview, t.	6	....	....	1	1	2	1	....	....	....	1	....	....
Rockcliffe Park, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Cochrane	128	19	14	17	8	9	6	7	2	11	8	16	11
Rural	58	5	7	5	4	4	4	4	....	6	3	9	7
Urban	70	14	7	12	4	5	2	3	2	5	5	7	4
Cochrane, t.	6	1	....	1	....	1	....	....	....	1	1	1	....
Iroquois Falls, t.	2	1	....	....	....	1	....	....	....	....	....	....	....
Kapuskasing, t.	12	4	....	1	2	....	....	....	1	1	....	1	2
Timmins, t.	50	8	7	10	2	3	2	3	1	3	4	5	2
Dufferin	13	....	3	....	....	3	2	1	1	....	1	....	2
Rural	8	....	2	....	....	2	1	1	....	....	1	....	1
Urban	5	....	1	....	....	1	1	....	1	....	....	....	1
Orangeville, t.	5	....	1	....	....	1	1	....	1	....	....	....	1
Dundas	14	....	....	2	1	2	....	1	....	1	1	3	3
Rural	11	....	....	2	....	2	....	1	....	1	1	2	2
Urban	3	....	....	....	1	....	....	....	....	....	....	1	1
Chesterville, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Iroquois, vl.	1	....	....	....	1	....	....	....	....	....	....	....	....
Morrisburg, vl.	2	....	....	....	....	....	....	....	....	....	....	1	1
Winchester, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Durham	12	1	1	1	....	1	....	2	1	3	....	1	1
Rural	4	....	1	1	....	....	....	....	....	1	....	1	....
Urban	8	1	....	....	....	1	....	2	1	2	....	....	1
Bowmanville, t.	3	1	....	....	....	1	....	....	....	1	....	....	....
Port Hope, t.	5	....	....	....	....	....	....	2	1	1	....	....	1
Elgin	27	2	2	....	3	5	2	....	1	3	4	1	4
Rural	8	2	....	....	1	....	....	....	1	....	2	....	2
Urban	19	....	2	....	2	5	2	....	....	3	2	1	2
St. Thomas, c.	18	....	1	....	2	5	2	....	....	3	2	1	2
Aylmer, t.	1	....	1	....	....	....	....	....	....	....	....	....	....
Essex	124	5	4	8	11	15	14	7	10	7	11	16	16
Rural	22	3	2	1	2	2	3	....	....	....	....	3	6
Urban	102	2	2	7	9	13	11	7	10	7	11	13	10
Windsor, c.	88	2	2	6	6	13	9	5	7	7	9	12	10
Amherstburg, t.	3	....	....	1	....	....	1	....	1	....	....	....	....
Essex, t.	1	....	....	....	....	....	....	1	....	....	....	....	....
Kingsville, t.	1	....	....	....	....	....	....	....	1	....	....	....	....
Leamington, t.	8	....	....	....	2	....	1	1	1	....	2	1	....
Riverside, t.	1	....	....	....	1	....	....	....	....	....	....	....	....
Tecumseh, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Harrow, vl	....	....	....	....	....	....	....	....	....	....	....	....	....
Frontenac	48	1	8	2	2	4	2	5	4	5	4	4	7
Rural	8	....	2	1	....	....	1	....	1	1	....	....	2
Urban	40	1	6	1	2	4	1	5	3	4	4	4	5
Kingston, c.	40	1	6	1	2	4	1	5	3	4	4	4	5
Glengarry	15	2	3	1	2	....	....	1	....	....	1	3	2
Rural	14	1	3	1	2	....	....	1	....	....	1	3	2
Urban	1	1	....	....	....	....	....	....	....	....	....	....	....
Alexandria, t.	1	1	....	....	....	....	....	....	....	....	....	....	....

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in Ontario, by Months, Classified as Rural and Urban, 1940—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Grenville	5	1							1		1	1	1
Rural	2											1	1
Urban	3	1							1		1		
Prescott, t.	2	1									1		
Cardinal, vl.	1								1				
Kemptville, vl.													
Grey	56	10	3	3	5	3	3	5	2	3	6	8	5
Rural	26	5		2	1	2	2	3	2	2		4	3
Urban	30	5	3	1	4	1	1	2		1	6	4	2
Owen Sound, c.	21	3	3		4	1	1	2		1	2	3	1
Durham, t.	4	1		1							1	1	
Hanover, t.	2	1									1		
Meaford, t.	3										2		1
Haldimand	7		2	1				1	1	1			1
Rural	3		2	1									
Urban	4							1	1	1			1
Dunnville, t.	4							1	1	1			1
Caledonia, vl.													
Hagersville, vl.													
Haliburton	15	1	1	1	1	1	2	1	4	1	1	1	
Rural	15	1	1	1	1	1	2	1	4	1	1	1	
Halton	3	1			1							1	
Rural	1	1											
Urban	2				1							1	
Burlington, t.	1											1	
Georgetown, t.													
Milton, t.													
Oakville, t.													
Acton, vl.	1				1								
Hastings	70	5	9	1	6	6	3	3	6	8	8	8	7
Rural	21	2	3	1	3	4		1	3	2	1	1	
Urban	49	3	6		3	2	3	2	3	6	7	7	7
Belleville, c.	37	3	2		2	2	2	2	3	5	7	5	4
Deseronto, t.													
Trenton, t.	5		3				1					1	
Bancroft, vl.	5		1		1					1		1	1
Madoc, vl.													
Tweed, vl.	2												2
Huron	28	6	2		2	4	6	2	1		1	2	2
Rural	11	2	2		1		3	1				1	1
Urban	17	4			1	4	3	1	1		1	1	1
Clinton, t.	6	2			1	2	1						
Goderich, t.	3						1				1	1	
Seaforth, t.	2						1						1
Wingham, t.	4	1				1		1	1				
Exeter, vl.	2	1				1							
Kenora	28	4	5	3		2	1	6		2	1	4	
Rural	6	2	2					1		1			
Urban	22	2	3	3		2	1	5		1	1	4	
Dryden, t.	11	2	2				1	1		1	1	3	
Keewatin, t.													
Kenora, t.	8		1	1		2		3				1	
Sioux Lookout, t.	3			2				1					
Kent	55	4	4	4	2	7	5	5	3	5	5	6	5
Rural	10	1		1		1	2	1	2			2	
Urban	45	3	4	3	2	6	3	4	1	5	5	4	5
Chatham, c.	41	1	3	3	2	6	2	4	1	5	5	4	5
Blenheim, t.													
Dresden, t.	1						1						
Ridgetown, t.	2	1	1										
Tilbury, t.	1	1											
Wallaceburg, t.													
Lambton	44	3	3	2	5	2	6	3	2	4	6	1	7
Rural	16	1	2	1	1	1	3	1	1	1	4		
Urban	28	2	1	1	4	1	3	2	1	3	2	1	7
Sarnia, c.	22	1	1	1	4	1	2		1	3	1	1	6
Forest, t.													
Petrolia, t.	6	1					1	2			1		1
Point Edward, vl.													
Lanark	25	2	3	2	1	3	1	1	1	2	3	2	4
Rural	4				1	1					1		1
Urban	21	2	3	2		2	1	1	1	2	2	2	3
Almonte, t.	2											1	1
Carleton Place, t.	4					1				1	1		1
Perth, t.	9	1	2	2			1				1	1	1
Smiths Falls, t.	6	1	1			1		1	1	1			
Leeds	33	5	4	1	2	4	2	4	3	3		2	3
Rural	7		1			1	1	1		2			1
Urban	26	5	3	1	2	3	1	3	3	1		2	2
Brockville, t.	22	3	3	1	1	3		3	3	1		2	2
Gananoque, t.	4	2			1		1						
Lennox	1		1										
Rural													
Urban	1		1										
Napanee, t.	1		1										

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in Ontario, by Months, Classified as Rural and Urban, 1940—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Lincoln	30	3	1	4	3	3	....	4	2	1	3	4	2
Rural	2	1	....	....	....	....	....	....	....	....	....	1	....
Urban	28	2	1	4	3	3	....	4	2	1	3	3	2
St. Catharines, c.	24	2	1	3	3	2	....	4	2	1	2	2	2
Grimsby, t.	1	....	....	....	....	....	....	....	....	....	1	....	....
Merritton, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Niagara, t.	3	....	....	1	....	1	....	....	....	....	....	1	....
Beamsville, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Port Dalhousie, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Manitoulin	18	3	3	3	3	2	....	1	....	1	....	1	1
Rural	17	2	3	3	3	2	....	1	....	1	....	1	1
Urban	1	1	....	....	....	....	....	....	....	....	....	....	....
Little Current, t.	1	1	....	....	....	....	....	....	....	....	....	....	....
Middlesex	79	9	5	3	6	10	7	6	7	7	3	7	9
Rural	11	....	1	....	....	4	1	....	2	1	....	....	2
Urban	68	9	4	3	6	6	6	6	5	6	3	7	7
London, c.	67	9	4	3	6	6	6	5	5	6	3	7	7
Parkhill, t.	....	....	....	....	....	....	....	....	....	....	....	....	....
Strathroy, t.	1	....	....	....	....	....	....	1	....	....	....	....	....
Muskoka	18	2	1	4	1	1	1	....	2	....	1	....	5
Rural	7	....	1	2	....	....	1	....	1	....	....	....	2
Urban	11	2	....	2	1	1	....	....	1	....	1	....	3
Bracebridge, t.	6	....	....	2	1	1	....	....	1	....	1	....	....
Gravenhurst, t.	2	....	....	....	....	....	....	....	....	....	....	....	2
Huntsville, t.	3	2	....	....	....	....	....	....	....	....	....	....	1
Nipissing	59	3	4	3	3	6	4	5	6	4	9	8	4
Rural	21	1	2	1	2	2	1	3	3	....	4	2	....
Urban	38	2	2	2	1	4	3	2	3	4	5	6	4
North Bay, c.	16	2	1	1	1	3	1	2	1	3	1	....	....
Mattawa, t.	10	....	....	1	....	....	1	....	....	....	2	5	1
Sturgeon Falls, t.	12	....	1	....	....	1	1	....	2	1	2	1	3
Norfolk	44	5	3	1	9	4	2	5	2	1	3	6	3
Rural	18	2	1	....	5	3	....	2	1	1	....	2	1
Urban	26	3	2	1	4	1	2	3	1	....	3	4	2
Simcoe, t.	23	3	2	1	3	....	2	3	1	....	3	3	2
Delhi, vl.	1	....	....	....	....	....	....	....	....	....	....	1	....
Port Dover, vl.	2	....	....	....	1	1	....	....	....	....	....	....	....
Waterford, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Northumberland	21	3	2	3	1	1	1	2	3	1	1	2	1
Rural	14	2	1	1	1	1	1	2	1	1	1	1	1
Urban	7	1	1	2	....	....	....	....	2	....	....	1	....
Campbellford, t.	3	....	1	1	....	....	....	....	1	....	....	....	....
Cobourg, t.	4	1	....	1	....	....	....	....	1	....	....	1	....
Brighton, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Ontario	43	4	4	5	....	1	3	2	2	8	6	4	4
Rural	7	1	....	1	....	....	1	....	1	1	1	1	....
Urban	36	3	4	4	....	1	2	2	1	7	5	3	4
Oshawa, c.	33	2	2	4	....	1	2	2	1	7	5	3	4
Uxbridge, t.	2	....	2	....	....	....	....	....	....	....	....	....	....
Whitby, t.	1	1	....	....	....	....	....	....	....	....	....	....	....
Port Perry, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Oxford	47	....	4	3	8	4	1	4	3	8	5	4	3
Rural	11	....	....	....	3	....	....	1	1	1	1	2	2
Urban	36	....	4	3	5	4	1	3	2	7	4	2	1
Woodstock, c.	17	....	2	2	1	2	....	1	2	5	....	1	1
Ingersoll, t.	8	....	1	1	1	1	....	2	....	1	1	....	....
Tillsonburg, t.	10	....	1	....	2	1	1	....	....	1	3	1	....
Norwich, vl.	1	....	....	....	1	....	....	....	....	....	....	....	....
Tavistock, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Parry Sound	35	6	2	4	2	3	1	2	2	2	3	2	6
Rural	23	5	2	3	2	2	1	1	1	2	1	....	3
Urban	12	1	....	1	....	1	....	1	1	....	2	2	3
Parry Sound, t.	12	1	....	1	....	1	....	1	1	....	2	2	3
Peel	15	....	1	1	3	2	....	2	....	....	2	3	1
Rural	10	....	1	1	1	2	....	2	....	....	2	1	....
Urban	5	....	....	....	2	....	....	....	....	....	....	2	1
Brampton, t.	5	....	....	....	2	....	....	....	....	....	....	2	1
Port Credit, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Perth	34	3	3	5	4	4	1	3	....	2	3	5	1
Rural	7	....	1	2	1	1	....	1	....	....	....	1	....
Urban	27	3	2	3	3	3	1	2	....	2	3	4	1
Stratford, c.	15	1	2	1	3	2	....	2	....	2	1	1	....
Listowel, t.	7	1	....	2	....	1	....	....	....	....	....	2	1
Mitchell, t.	1	....	....	....	....	....	....	....	....	....	....	1	....
St. Mary's, t.	4	1	....	....	....	....	1	....	....	....	2	....	....
Peterborough	41	5	2	2	4	4	3	3	5	3	1	2	7
Rural	8	....	1	1	....	1	2	....	1	....	....	1	1
Urban	33	5	1	1	4	3	1	3	4	3	1	1	6
Peterborough, c.	32	4	1	1	4	3	1	3	4	3	1	1	6
Havelock, vl.	....	....	....	....	....	....	....	....	....	....	....	....	....
Lakefield, vl.	1	1	....	....	....	....	....	....	....	....	....	....	....

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in Ontario, by Months, Classified as Rural and Urban, 1940—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Prescott	38	6	1	7	....	5	5	2	3	1	5	1	2
Rural	24	3	1	5	....	2	3	1	2	....	4	1	2
Urban	14	3	....	2	....	3	2	1	1	1	1	....	....
Hawkesbury, t	12	3	....	2	....	3	1	1	1	....	1	....	....
Vankleek Hill, t	2	....	....	....	....	....	1	....	....	1	....	....	....
Prince Edward	13	2	1	1	1	....	1	1	....	....	2	1	3
Rural	4	1	1	....	....	....	....	1	....	....	....	....	1
Urban	9	1	....	1	1	....	1	....	....	....	2	1	2
Picton, t	9	1	....	1	1	....	1	....	....	....	2	1	2
Rainy River	19	....	1	1	2	2	3	1	1	2	1	2	3
Rural	12	....	1	1	2	1	1	....	1	1	1	1	2
Urban	7	....	....	....	....	1	2	1	....	1	....	1	1
Fort Francis, t	6	....	....	....	....	1	1	1	....	1	....	1	1
Rainy River, t	1	....	....	....	....	....	1	....	....	....	....	....	....
Renfrew	61	5	3	6	4	7	4	2	7	3	4	6	10
Rural	32	4	2	2	2	5	2	2	1	1	2	4	5
Urban	29	1	1	4	2	2	2	....	6	2	2	2	5
Arnprior, t	....	....	....	....	....	....	....	....	....	....	....	....	....
Pembroke, t	21	1	....	4	1	1	1	....	5	2	1	2	3
Renfrew, t	8	....	1	....	1	1	1	....	1	....	1	....	2
Barry's Bay, vl	....	....	....	....	....	....	....	....	....	....	....	....	....
Eganville, vl	....	....	....	....	....	....	....	....	....	....	....	....	....
Russell	18	1	5	2	....	....	2	....	3	....	....	3	2
Rural	16	1	5	2	....	....	1	....	3	....	....	3	1
Urban	2	....	....	....	....	....	1	....	....	....	....	....	1
Rockland, t	1	....	....	....	....	....	1	....	....	....	....	....	....
Casselman, vl	1	....	....	....	....	....	....	....	....	....	....	....	1
Simcoe	70	8	7	8	2	10	4	6	8	3	5	3	6
Rural	8	1	....	1	....	1	....	....	3	1	....	....	1
Urban	62	7	7	7	2	9	4	6	5	2	5	3	5
Alliston, t	3	....	....	....	....	1	....	....	....	....	1	1	....
Barrie, t	16	2	3	1	....	1	1	2	2	....	3	....	1
Collingwood, t	5	....	1	2	1	....	....	....	1	....	....	....	....
Midland, t	12	3	....	1	....	2	2	1	1	1	....	1	....
Orillia, t	19	1	3	2	1	3	1	2	1	1	1	1	2
Penetanguishene, t	6	....	....	1	....	2	....	1	....	....	....	....	2
Stayner, t	1	1	....	....	....	....	....	....	....	....	....	....	....
Stormont	55	4	4	6	6	2	4	6	6	5	2	3	7
Rural	13	....	1	....	2	1	....	1	2	....	2	1	3
Urban	42	4	3	6	4	1	4	5	4	5	....	2	4
Cornwall, t	42	4	3	6	4	1	4	5	4	5	....	2	4
Sudbury	151	12	8	11	12	24	11	13	9	10	11	16	14
Rural	52	3	4	4	5	10	4	1	3	3	5	6	4
Urban	99	9	4	7	7	14	7	12	6	7	6	10	10
Sudbury, c	94	8	4	5	7	13	7	12	6	7	6	10	9
Capreol, t	2	....	....	1	....	....	....	....	....	....	....	....	1
Coniston, t	....	....	....	....	....	....	....	....	....	....	....	....	....
Coppercliff, t	3	1	....	1	....	1	....	....	....	....	....	....	....
Thunder Bay	65	5	6	6	5	4	8	3	3	9	6	8	2
Rural	8	1	2	1	....	....	....	....	1	1	1	1	....
Urban	57	4	4	5	5	4	8	3	2	8	5	7	2
Fort William, c	27	4	3	3	2	3	5	2	....	4	....	1	....
Port Arthur, c	25	....	1	1	3	1	3	1	1	4	4	4	2
Geraldton, vl	5	....	....	1	....	....	....	....	1	....	1	2	....
Timiskaming	91	8	6	8	8	7	6	10	6	5	7	11	9
Rural	39	4	1	3	6	2	3	7	1	2	3	4	3
Urban	52	4	5	5	2	5	3	3	5	3	4	7	6
Cobalt, t	5	....	....	1	1	1	....	....	....	....	....	2	....
Haileybury, t	6	....	....	....	....	1	....	1	....	....	1	....	3
New Liskeard, t	2	....	....	....	....	....	....	1	1	....	....	....	....
Kirkland Lake	39	4	5	4	1	3	3	1	4	3	3	5	3
Victoria	21	....	1	2	2	3	3	....	2	....	1	4	3
Rural	6	....	....	1	....	....	1	....	1	....	1	1	1
Urban	15	....	1	1	2	3	2	....	1	....	....	3	2
Lindsay, t	15	....	1	1	2	3	2	....	1	....	....	3	2
Waterloo	60	3	7	5	6	4	4	5	5	2	8	4	7
Rural	9	....	3	1	....	1	1	1	....	....	1	1	....
Urban	51	3	4	4	6	3	3	4	5	2	7	3	7
Galt, c	14	....	1	2	....	1	2	....	2	2	2	....	2
Kitchener, c	33	2	3	2	6	1	1	4	3	....	3	3	5
Elmira, t	....	....	....	....	....	....	....	....	....	....	....	....	....
Hespeler, t	2	1	....	....	....	1	....	....	....	....	....	....	....
Preston, t	....	....	....	....	....	....	....	....	....	....	....	....	....
Waterloo, t	2	....	....	....	....	....	....	....	....	....	2	....	....
New Hamburg, vl		....	....	....	....	....	....	....	....	....	....	....	....

Table 23—Deaths of Children under One Year (exclusive of Stillbirths) in Ontario, by Months, Classified as Rural and Urban, 1940—Continued

	Total	MONTHS											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Welland	69	3	6	6	3	7	2	8	7	2	6	8	11
Rural	13		1	2		2		1	1		3	1	2
Urban	56	3	5	4	3	5	2	7	6	2	3	7	9
Niagara Falls, c.	16		2	1	1	1	1	3			1	1	5
Welland, c.	21	3	1	2	1	1	1	3	2	1		4	2
Fort Erie, t.	6		1	1		1		1			1		1
Port Colborne, t.	6					1			3	1	1		
Thorold, t.	5		1		1				1			2	
Chippawa, vl.	1					1							
Humberstone, vl.	1												1
Wellington	32	6	3	4	3	3	5	1	1		2	2	2
Rural	13	2		1	3	1	4	1				1	
Urban	19	4	3	3		2	1		1		2	1	2
Guelph, c.	11	2	2	3		1					1	1	1
Harriston, t.													
Mount Forest, t.	2					1					1		
Palmerston, t.	1								1				
Arthur, vl.	3	1					1						1
Elora, vl.													
Fergus, vl.	2	1	1										
Wentworth	108	10	11	9	9	6	12	11	6	11	6	5	12
Rural	2	1										1	
Urban	106	9	11	9	9	6	12	11	6	11	6	4	12
Hamilton, c.	105	9	11	9	8	6	12	11	6	11	6	4	12
Dundas, t.	1				1								
York	516	63	32	33	52	53	30	36	32	41	57	42	45
Rural	81	14	5	4	11	10	3	4	6	4	10	8	2
Urban	435	49	27	29	41	43	27	32	26	37	47	34	43
Toronto, c.	424	48	27	28	40	43	25	32	26	37	46	33	39
Aurora, t.													
Long Branch, t.													
Mimico, t.	3			1			1						1
Newmarket, t.	4				1		1						2
New Toronto, t.	1	1											
Weston, t.	2										1	1	
Forest Hill, vl.	1												1
Markham, vl.													
Richmond Hill, vl.													
Stouffville, vl.													
Swansea, vl.													
District of Patricia	1											1	

Table 24—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions of Children Under One Year of Age, Showing the Number Non-Resident in the Province of Ontario, 1940

	All Deaths under One Year						In Institutions					
	Total			Non-resident in Province			Total			Non-resident in Province		
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total fot the Province	2,959	1,685	1,274	14	4	10	1,750	986	764	12	4	8

Table 25—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions of Cities, Towns and Villages of Ontario

Cities, Towns and Villages	ALL DEATHS UNDER ONE YEAR												DEATHS		
	Total			Residents			Non-resident in City, Town or Village where Death Occurred and						Total		
							Resident in Province			Non-resident in Province					
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Cities:															
Belleville	37	20	17	11	4	7	26	16	10	....	....	....	33	20	13
Brantford	24	11	13	18	7	11	6	4	2	....	....	....	21	9	12
Chatham	41	23	18	19	13	6	22	10	12	....	....	....	38	22	16
Fort William	27	13	14	18	8	10	9	5	4	....	....	....	20	9	11
Galt	14	10	4	10	8	2	4	2	2	....	....	....	12	9	3
Guelph	11	8	3	5	4	1	6	4	2	....	....	....	11	8	3
Hamilton	105	63	42	87	51	36	18	12	6	....	....	....	87	51	36
Kingston	40	26	14	21	11	10	18	14	4	1	1	....	35	23	12
Kitchener	33	21	12	22	13	9	11	8	3	....	....	....	25	16	9
London	67	40	27	41	23	18	26	17	9	....	....	....	58	33	25
Niagara Falls	16	10	6	13	8	5	3	2	1	....	....	....	14	8	6
North Bay	16	10	6	11	6	5	5	4	1	....	....	....	14	9	5
Oshawa	33	16	17	27	11	16	6	5	1	....	....	....	24	14	10
Ottawa	180	95	85	143	75	68	29	18	11	8	2	6	153	81	72
Owen Sound	21	12	9	12	6	6	9	6	3	....	....	....	14	8	6
Peterborough	32	16	16	21	11	10	11	5	6	....	....	....	28	14	14
Port Arthur	25	15	10	15	12	3	10	3	7	....	....	....	21	13	8
St. Catharines	24	11	13	13	7	6	11	4	7	....	....	....	20	9	11
St. Thomas	18	8	10	13	6	7	5	2	3	....	....	....	16	6	10
Sarnia	22	14	8	15	10	5	7	4	3	....	....	....	17	10	7
Sault Ste. Marie	35	18	17	28	14	14	7	4	3	....	....	....	23	11	12
Stratford	15	11	4	10	8	2	5	3	2	....	....	....	11	7	4
Sudbury	94	49	45	75	39	36	19	10	9	....	....	....	72	38	34
Toronto	424	240	184	291	169	122	133	71	62	....	....	....	367	209	158
Welland	21	11	10	11	6	5	10	5	5	....	....	....	14	8	6
Windsor	88	55	33	62	40	22	26	15	11	....	....	....	76	50	26
Woodstock	17	11	6	10	6	4	7	5	2	....	....	....	16	11	5
Towns:															
Barrie	16	7	9	10	4	6	6	3	3	....	....	....	15	7	8
Brampton	5	5	....	4	4	....	1	1	....	....	....	....	4	4	....
Brockville	22	12	10	12	6	6	10	6	4	....	....	....	18	11	7
Cobourg	4	4	....	2	2	....	2	2	....	....	....	....	2	2	....
Collingwood	5	2	3	3	1	2	2	1	1	....	....	....	3	1	2
Cornwall	42	18	24	29	14	15	10	3	7	3	1	2	35	17	18
Dundas	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....
Eastview	6	5	1	6	5	1	....	....	....	....	....	....	....	....	....
Fort Erie	6	3	3	4	2	2	2	1	1	....	....	....	6	3	3
Fort Francis	6	4	2	3	3	....	3	1	2	....	....	....	3	1	2
Hawkesbury	12	8	4	12	8	4	....	....	....	....	....	....	2	1	1
Ingersoll	8	7	1	4	4	....	4	3	1	....	....	....	4	3	1
Kenora	8	5	3	4	3	1	3	2	1	1	....	1	8	5	3
Leamington	8	2	6	1	....	1	7	2	5	....	....	....	7	2	5
Lindsay	15	11	4	7	3	4	8	8	....	....	....	....	13	9	4
Midland	12	8	4	5	3	2	7	5	2	....	....	....	6	3	3
Mimico	3	....	3	3	....	3	....	....	....	....	....	....	1	....	1
New Toronto	1	....	1	1	....	1	....	....	....	....	....	....	....	....	....
Orillia	19	9	10	12	7	5	7	2	5	....	....	....	13	6	7
Pembroke	21	11	10	13	7	6	8	4	4	....	....	....	16	7	9
Port Colborne	6	2	4	5	2	3	1	....	1	....	....	....	....	....	....
Preston	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Renfrew	8	6	2	3	2	1	5	4	1	....	....	....	4	3	1
Riverside	1	....	1	1	....	1	....	....	....	....	....	....	....	....	....
Simcoe	23	10	13	9	4	5	14	6	8	....	....	....	19	7	12
Smiths Falls	6	4	2	5	3	2	1	1	....	....	....	....	6	4	2
Thorold	5	2	3	3	1	2	2	1	1	....	....	....	4	2	2
Timmins	50	29	21	50	29	21	....	....	....	....	....	....	24	16	8
Trenton	5	3	2	5	3	2	....	....	....	....	....	....	....	....	....
Waterloo	2	2	....	1	1	....	1	1	....	....	....	....	....	....	....
Weston	2	2	....	2	2	....	....	....	....	....	....	....	....	....	....
Whitby	1	....	1	1	....	1	....	....	....	....	....	....	....	....	....
Villages:															
Forest Hill	1	1	....	1	1	....	....	....	....	....	....	....	....	....	....
Kirkland Lake	39	19	20	30	13	17	8	6	2	1	....	1	34	18	16
Swansea	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Children under One Year of Age, Classified according to Residence of Decedents in of 5,000 Population and Over, 1940

in Institutions									Deaths Elsewhere than in Institutions											
Residents			Non-resident in City, Town or Village Where Death Occurred and						Total			Residents			Non-resident in City, Town or Village Where Death Occurred and					
			Resident in Province			Non-resident in Province									Resident in Province			Non-resident in Province		
Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
7	4	3	26	16	10	....	....	....	4	....	4	4	....	4	....	....	....	....	....	....
15	5	10	6	4	2	....	....	....	3	2	1	3	2	1	....	....	....	....	....	....
16	12	4	22	10	12	....	....	....	3	1	2	3	1	2	....	....	....	....	....	....
12	5	7	8	4	4	....	....	....	7	4	3	6	3	3	1	1	....	....	....	....
8	7	1	4	2	2	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
5	4	1	6	4	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
69	39	30	18	12	6	....	....	....	18	12	6	18	12	6	....	....	....	....	....	....
16	8	8	18	14	4	1	1	....	5	3	2	5	3	2	....	....	....	....	....	....
15	9	6	10	7	3	....	....	....	8	5	3	7	4	3	1	1	....	....	....	....
33	17	16	25	16	9	....	....	....	9	7	2	8	6	2	1	1	....	....	....	....
11	6	5	3	2	1	....	....	....	2	2	....	2	2	....	....	....	....	....	....	....
9	5	4	5	4	1	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
18	9	9	6	5	1	....	....	....	9	2	7	9	2	7	....	....	....	....	....	....
118	61	57	29	18	11	6	2	4	27	14	13	25	14	11	....	....	....	2	....	2
7	2	5	7	6	1	....	....	....	7	4	3	5	4	1	2	....	2	....	....	....
17	9	8	11	5	6	....	....	....	4	2	2	4	2	2	....	....	....	....	....	....
11	10	1	10	3	7	....	....	....	4	2	2	4	2	2	....	....	....	....	....	....
9	5	4	11	4	7	....	....	....	4	2	2	4	2	2	....	....	....	....	....	....
11	4	7	5	2	3	....	....	....	2	2	....	2	2	....	....	....	....	....	....	....
11	7	4	6	3	3	....	....	....	5	4	1	4	3	1	1	1	....	....	....	....
18	7	11	5	4	1	....	....	....	12	7	5	10	7	3	2	....	2	....	....	....
6	4	2	5	3	2	....	....	....	4	4	....	4	4	....	....	....	....	....	....	....
55	29	26	17	9	8	....	....	....	22	11	11	20	10	10	2	1	1	....	....	....
237	140	97	130	69	61	....	....	....	57	31	26	54	29	25	3	2	1	....	....	....
5	3	2	9	5	4	....	....	....	7	3	4	6	3	3	1	....	1	....	....	....
53	36	17	23	14	9	....	....	....	12	5	7	9	4	5	3	1	2	....	....	....
9	6	3	7	5	2	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
9	4	5	6	3	3	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
3	3	....	1	1	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
8	5	3	10	6	4	....	....	....	4	1	3	4	1	3	....	....	....	....	....	....
1	1	....	1	1	....	....	....	....	2	2	....	1	1	....	1	1	....	....	....	....
1	....	1	2	1	1	....	....	....	2	1	1	2	1	1	....	....	....	....	....	....
22	13	9	10	3	7	3	1	2	7	1	6	7	1	6	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	6	5	1	6	5	1	....	....	....	....	....	....
4	2	2	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	1	....	2	....	2	....	....	....	3	3	....	2	2	....	1	1	....	....	....	....
2	1	1	....	....	....	....	....	....	10	7	3	10	7	3	....	....	....	....	....	....
1	1	....	3	2	1	....	....	....	4	4	....	3	3	....	1	1	....	....	....	....
4	3	1	3	2	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	7	2	5	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
5	1	4	8	8	....	....	....	....	2	2	....	2	2	....	....	....	....	....	....	....
1	....	1	5	3	2	....	....	....	6	5	1	4	3	1	2	2	....	....	....	....
1	....	1	....	....	....	....	....	....	2	....	2	2	....	2	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
9	6	3	4	....	4	....	....	....	6	3	3	3	1	2	3	2	1	....	....	....
8	3	5	8	4	4	....	....	....	5	4	1	5	4	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	6	2	4	5	2	3	1	....	1	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	1	....	3	2	1	....	....	....	4	3	1	2	1	1	2	2	....	....	....	....
....	....	....	....	....	....	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
5	1	4	14	6	8	....	....	....	4	3	1	4	3	1	....	....	....	....	....	....
5	3	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
2	1	1	2	1	1	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
24	16	8	....	....	....	....	....	....	26	13	13	26	13	13	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	5	3	2	5	3	2	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	2	2	....	1	1	....	1	1	....	....	....	....
....	....	....	....	....	....	....	....	....	2	2	....	2	2	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	....	1	1	....	1	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	1	1	....	1	1	....	....	....	....	....	....	....
26	13	13	7	5	2	1	....	1	5	1	4	4	....	4	1	1	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

Table 26—Deaths of Children under One Year (exclusive of Stillbirths), by Age at Death, in the Province of Ontario, 1940

Ages		Total
All infants		2,959
	M.	1,685
	F.	1,274
Under 1 day		745
	M.	447
	F.	298
1 day		249
	M.	142
	F.	107
2 days		161
	M.	94
	F.	67
3 days		125
	M.	67
	F.	58
4 days		81
	M.	46
	F.	35
5 days		62
	M.	37
	F.	25
6 days		38
	M.	28
	F.	10
Under 1 week		1,461
	M.	861
	F.	600
1 week and under 2 weeks		152
	M.	87
	F.	65
2 weeks and under 3 weeks		110
	M.	56
	F.	54
3 weeks and under 1 month		82
	M.	48
	F.	34
Under 1 month		1,805
	M.	1,052
	F.	753
1 month and under 2 months		230
	M.	127
	F.	103
2 months and under 3 months		177
	M.	97
	F.	80
3 months and under 4 months		161
	M.	88
	F.	73
4 months and under 5 months		130
	M.	70
	F.	60
5 months and under 6 months		95
	M.	50
	F.	45
6 months and under 7 months		73
	M.	41
	F.	32
7 months and under 8 months		81
	M.	45
	F.	36
8 months and under 9 months		54
	M.	27
	F.	27
9 months and under 10 months		53
	M.	25
	F.	28
10 months and under 11 months		56
	M.	34
	F.	22
11 months and under 12 months		44
	M.	29
	F.	15

Table 27—Deaths of Children under One Year of Age (exclusive of Stillbirths) Classified According to Racial Origin of Decedents, in the Province of Ontario, 1940

Racial Origins	Total
All origins	2,959
English	1,076
Irish	430
Scottish	341
Welsh	14
French	561
Armenian	1
Austrian	4
Belgian	5
Bulgarian	...
Chinese	3
Czech and Slovak	17
Danish	3
Dutch	41
Finish	17
German	96
Greek	7
Hindu	...
Hungarian	22
Icelandic	...
Indian	97
Italian	40
Japanese	...
Jewish	18
Negro	8
Norwegian	8
Polish	40
Roumanian	8
Russian	11
Serb and Croat	8
Swedish	9
Swiss	4
Syrian	2
Ukrainian*	33
Other	3
Not specified	32

*Including "Galician" and "Bukovinian."

Table 28—Deaths of Children under One Year of Age (exclusive of Stillbirths) Classified According to Birthplaces of Parents, in the Province of Ontario, 1940

Birthplace of Father	Total Fathers	BIRTHPLACE OF MOTHER																																					
		Canada										British Isles					British Possessions		Europe															Asia					
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Canada	2,290	2	13	11	142	1825	27	37	7	3	31	84	6	29	...	...	4	2	...	1	...	1	...	...	2	1	...	2	4	...	1	1	1	...	...	...	52	1	...
Prince Edward Island	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nova Scotia	10	...	3	...	2	4	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Brunswick	13	...	1	6	...	3	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quebec	171	...	...	...	67	92	1	2	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	4	...	...
Ontario	1,984	2	8	5	71	1692	14	19	3	2	2	74	5	26	...	...	4	2	...	1	...	...	...	...	1	...	...	1	3	...	...	1	1	...	...	...	46	1	...
Manitoba	30	...	...	...	1	16	7	2	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Saskatchewan	32	...	1	...	...	10	4	11	1	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...
Alberta	5	...	...	...	...	3	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Columbia	5	...	...	...	1	2	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Province not specified	39	...	...	...	...	3	...	1	...	...	29	3	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	1	...	...
British Isles	275	...	1	3	6	149	5	3	1	...	7	55	14	22	...	1	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	5	...	...
England	166	...	1	3	6	95	4	2	...	...	6	38	3	3	...	1	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...
Ireland	36	...	...	...	...	17	1	...	1	...	...	4	11	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Scotland	59	...	...	...	...	31	...	1	...	...	...	8	...	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Wales	12	...	...	...	...	6	...	...	...	...	1	3	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	2	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
British Possessions	8	...	...	...	...	5	...	...	...	...	...	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Newfoundland	6	...	...	...	...	4	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	2	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Europe	162	...	1	...	7	42	5	4	1	...	1	1	...	1	...	...	...	...	2	3	...	6	...	...	1	17	10	1	22	2	7	...	22	...	...	...	6	...	...
Austria	5	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Belgium	4	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Denmark	4	...	...	...	...	3	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Finland	11	...	...	...	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
France	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Germany		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Holland	5	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hungary	19	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	...	...	1	...	...	...	...	...	...	...	...	...	...
Italy	19	...	...	...	2	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...	...
Norway	4	...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Poland	30	...	...	...	...	4	3	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	...	...	...	...	...	...	...	1	...	...
Roumania	4	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...
Russia*	19	...	...	...	2	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	7	...	...	...	...	...	2	...	...

Sweden	4	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..
Other	33	...	...	...	1	6	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	21	..	..	..	2	..	..
Asia	4	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			1	..	1	..
China	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..
Japan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..
Other	3	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	1	..	1	..
United States	69	...	...	...	4	43	...	2	...	...	2	2	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	1	1	...	...	1	...	..	..	..	9	1	..
Various	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	..	..
Not specified	151	...	...	2	12	113	1	3	1	...	3	4	1	1	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	1	...	1	..	..	..	3	..	5
Total Mothers	2,959	2	16	16	171	2178	38	49	10	3	44	147	22	53	...	1	5	3	2	5	...	7	...	...	3	19	11	5	28	2	9	2	24	..	..	1	75	3	5

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*Including the Ukraine.

Table 29—Deaths of Children (exclusive of Stillbirths) from Certain Specified Causes in First Year of Life by Sex and Calendar Month of Death, Ontario, 1940

CAUSES OF DEATH	Total under 1 year			MONTH OF DEATH																							
				Jan.		Feb.		March		April		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Total	M.	F.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
All Causes. Total	**2,959**	**1685**	**1274**	**151**	**124**	**121**	**118**	**127**	**114**	**162**	**83**	**154**	**128**	**135**	**75**	**132**	**91**	**128**	**76**	**121**	**90**	**122**	**127**	**162**	**116**	**170**	**132**
7. Measles	7	5	2	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	1	1	1	1	....	....
8. Scarlet fever	1	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
9. Whooping-cough	47	20	27	1	1	2	5	4	....	1	....	2	3	....	1	1	....	....	4	2	4	3	3	3	3	1	3
11. Influenza	76	43	33	2	3	2	3	....	4	5	3	7	2	1	....	1	....	....	1	1	....	4	....	7	5	13	12
13. Dysentery	5	2	3	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	1	1	....	....	....	....	....	....	....
15. Erysipelas	2	....	2	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
18. Epidemic cerebrospinal meningitis	6	4	2	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	....	2	....
23. Tuberculosis of the respiratory system	2	....	2	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
24. Tuberculosis of the meninges and central nervous system	4	2	2	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	....	....
25–32. Tuberculosis, other forms	3	1	2	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1
34. Syphilis	21	9	12	....	2	....	....	....	1	2	1	....	1	1	1	....	2	2	1	....	1	2	....	1	1	1	1
36. Purulent infection, septicaemia	3	1	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	1	....	....	....
67. Diseases of the thymus gland	47	27	20	4	2	1	2	1	2	1	3	3	1	1	1	2	1	3	....	1	1	2	2	4	1	4	4
79. Simple meningitis	21	16	5	1	1	2	....	1	....	1	1	2	1	....	....	2	....	1	....	1	....	....	....	2	2	3	....
86. Convulsions	17	11	6	1	....	....	....	1	....	1	1	1	1	1	....	1	....	1	1	1	1	1	2	....	....	2	....
89. Diseases of the ear and mastoid process	11	8	3	....	....	....	....	1	....	3	....	....	....	1	1	....	....	....	....	2	....	....	....	....	1	1	1
106. Bronchitis	16	8	8	....	....	1	....	....	1	....	1	1	....	1	....	....	....	1	....	....	2	2	1	1	2	1	1
107. Bronchopneumonia	247	123	124	7	13	11	10	9	8	10	6	12	16	7	5	11	8	6	6	6	5	3	14	17	17	24	16
108, 109. Pneumonia	93	57	36	7	1	6	6	3	4	4	1	3	4	6	5	2	1	3	....	3	....	8	3	7	5	5	6
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations)	3	....	3	....	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
116–118. Diseases of the stomach	6	4	2	1	1	....	....	....	....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	1	....	....
119. Diarrhoea and enteritis	130	80	50	6	2	3	6	3	1	8	6	7	3	10	3	6	4	11	4	8	8	9	8	5	4	4	1
122. Hernia, intestinal obstruction	21	12	9	2	2	2	....	....	2	1	1	2	2	....	....	1	....	1	....	....	1	....	....	2	1	1	....
130. Nephritis	9	6	3	....	....	....	....	1	....	....	2	1	....	2	....	1	....	....	....	....	....	....	....	....	....	1	1
157. Malformations	460	247	213	29	28	19	20	14	17	18	12	21	16	22	14	18	16	18	15	23	19	23	24	28	8	14	24
(A) Congenital hydrocephalus	40	25	15	5	2	1	1	2	1	....	....	3	4	3	1	2	....	1	2	2	1	1	2	2	....	3	1
(C) Congenital malformations of the heart	140	85	55	8	8	9	5	5	3	6	2	6	5	11	1	7	6	6	5	7	2	10	10	6	1	4	7
(B, D, E) Others under this title	280	137	143	16	18	9	14	7	13	12	10	12	7	8	12	9	10	11	8	14	16	12	12	20	7	7	16
158. Congenital debility	75	45	30	7	....	5	2	2	3	6	1	6	1	....	6	2	3	1	4	2	3	4	2	5	3	5	2
159. Premature birth	952	550	402	48	39	41	37	45	39	68	23	48	48	42	17	48	32	46	28	41	21	33	41	40	40	50	37
160. Injury at birth	256	161	95	9	12	12	8	19	13	9	7	12	7	16	5	15	7	19	....	11	9	15	9	15	12	9	6

161. Other diseases peculiar to early infancy (under 3 months)	246	145	101	13	10	5	8	17	12	13	9	15	8	12	7	17	10	8	7	13	9	4	9	12	5	16	7
(A-E) Specified diseases	238	140	98	12	10	5	7	17	12	12	9	13	8	12	6	17	10	8	7	12	8	4	9	12	5	16	7
(F) No cause given, no doctor in attendance	8	5	3	1	....	....	1	....	....	1	....	2	....	....	1	....	....	....	....	1	1	....	....	....	....	....	....
173–175. Homicide	4	2	2	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	1	....	1	....	....	....	....
176–198. Other external causes	91	51	40	6	3	5	3	2	2	4	5	4	6	5	4	....	2	2	....	4	1	3	5	6	4	10	5
Other specified causes	66	39	27	5	3	3	4	4	3	3	....	6	2	4	4	2	3	2	2	....	2	4	1	4	....	2	3
199–200. Unspecified or ill-defined causes	11	6	5	1	....	....	1	....	....	2	....	1	1	....	....	....	....	1	2	....	....	....	....	....	....	1	1

Table 30—Deaths of Children (exclusive of Stillbirths) from Certain Specified

CAUSES OF DEATH	Total	Total under 1 year		Under 1 day		1 day & under 1 week		1 week & under 2 weeks		2 weeks & under 3 weeks	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
ALL CAUSES. **Total**	2,959	1,685	1,274	447	298	414	302	87	65	56	54
7. Measles	7	5	2	....	....	....	....	....	....	....	....
8. Scarlet fever	1	......	1	....	....	....	....	....	....	....	....
9. Whooping-cough	47	20	27	....	....	....	....	....	....	....	....
11. Influenza	76	43	33	....	....	....	....	2	1	....	....
13. Dysentery	5	2	3	....	....	....	....	....	....	....	....
15. Erysipelas	2	....	2	....	....	....	....	....	....	....	....
18. Epidemic cerebrospinal meningitis	6	4	2	....	....	....	....	....	....	....	....
23. Tuberculosis of the respiratory system	2	...	2	....	....	....	....	....	....	....	....
24. Tuberculosis of the meninges and central nervous system	4	2	2	....	....	....	....	....	....	....	....
25-32. Tuberculosis, other forms	3	1	2	....	....	....	....	....	....	....	....
34. Syphilis	21	9	12	....	....	1	3	1	1	1	....
36. Purulent infection, septicaemia	3	1	2	....	....	....	....	....	....	....	....
67. Diseases of the thymus gland	47	27	20	3	....	8	5	2	....	....	....
79. Simple meningitis	21	16	5	....	....	....	1	....	....	1	....
86. Convulsions	17	11	6	....	....	2	1	1	1	1	....
89. Diseases of the ear and mastoid process	11	8	3	....	....	....	....	....	....	....	....
106. Bronchitis	16	8	8	....	....	....	....	....	....	....	....
107. Bronchopneumonia	247	123	124	....	....	4	2	1	3	5	6
108–109. Pneumonia	93	57	36	....	....	4	2	1	1	1	....
115. Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations)	3	......	3	....	....	....	....	....	....	....	....
116–118. Diseases of the stomach	6	4	2	....	....	....	....	....	....	1	....
119. Diarrhoea and enteritis	130	80	50	....	....	....	1	1	1	2	2
122. Hernia, intestinal obstruction	21	12	9	....	....	1	....	....	....	....	....
130. Nephritis	9	6	3	....	....	....	....	....	....	....	....
157. Malformations	460	247	213	34	40	64	52	22	16	12	14
(A) Congenital hydrocephalus	40	25	15	4	2	3	1	1	....	....	....
(C) Congenital malformations of the heart	140	85	55	11	8	35	20	5	2	2	....
(B, D, E) Others under this title	280	137	143	19	30	26	31	16	14	10	14
158. Congenital debility	75	45	30	9	5	17	9	1	1	2	2
159. Premature birth	952	550	402	289	176	172	137	26	29	22	20
160. Injury at birth	256	161	95	59	35	72	41	14	4	1	3
161. Other diseases peculiar to early infancy (under 3 months)	246	145	101	48	39	64	45	14	7	6	4
(A-E) Specified diseases	238	140	98	48	37	61	44	13	7	6	4
(F) No cause given, no doctor in attendance	8	5	3	...	2	3	1	1	....	....	....
173–175. Homicide	4	2	2	2	2	....	....	....	....	....	...
176–198. Other external causes	91	51	40	....	....	....	1	....	....	....	1
Other specified causes	66	39	27	2	....	3	1	....	....	1	1
199, 200. Unspecified or ill-defined causes	11	6	5	1	1	2	1	1	....	....	1

Causes in First Year of Life, by Sex and Age at Death, Ontario, 1940

AGE AT DEATH

3 weeks & under 1 month		1 month & under 2 months		2 months & under 3 months		3 months & under 4 months		4 months & under 5 months		5 months & under 6 months		6 months & under 7 months		7 months & under 8 months		8 months & under 9 months		9 months &under 10 months		10 months &under 11 months		11 months &under 12 months	
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
48	**34**	**127**	**103**	**97**	**80**	**88**	**73**	**70**	**60**	**50**	**45**	**41**	**32**	**45**	**36**	**27**	**27**	**25**	**28**	**34**	**22**	**29**	**15**
1	....	....	....	1	....	....	....	1	1	1	....	....	....	....	....	....	....	...	1	1	...	...	...
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...
2	1	3	5	....	5	5	1	5	3	1	1	2	2	1	5	....	1	...	1	...	2	1	...
2	2	3	4	7	5	5	2	3	5	1	3	2	3	9	3	4	1	3	3	1	1	1	...
....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	...	...	1	1	...	...
....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...
....	....	....	....	....	....	2	1	....	....	1	....	1	....	....	....	....	1	...	...	...	...	...	...
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	...	...	...	...	...	1
....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	...	1	...	1	...	...
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	1	1	1	...	...
1	....	1	2	1	4	2	....	....	2	1	....	....	....	....	....	....	....	...	...	...	...	...	...
....	....	....	....	....	....	....	....	1	1	....	....	....	1	....	....	....	....	...	...	...	...	...	...
1	1	4	5	2	....	1	3	....	2	....	1	3	....	1	1	....	....	1	1	1	...	...	1
....	....	2	....	1	1	2	....	2	....	3	1	1	1	....	....	1	1	1	...	1	...	1	...
....	....	....	2	4	....	1	2	....	....	....	....	....	....	....	....	1	....	...	...	1	...	...	...
....	....	....	....	....	2	2	....	3	....	1	....	....	1	1	....	....	....	...	...	...	...	1	...
....	....	1	3	1	....	1	1	2	....	....	1	1	1	1	....	....	1	1	...	...	1	...	...
3	3	16	11	16	15	14	18	18	19	13	14	8	5	6	6	4	8	4	4	6	5	5	5
2	1	10	6	4	3	8	6	3	3	8	2	4	3	3	4	....	1	4	3	1	1	4	...
....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	...	...	...	...	...	...
....	....	1	1	....	....	....	1	2	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...
3	6	15	3	13	4	9	8	10	4	5	8	4	2	6	3	5	1	1	3	4	2	2	2
....	....	....	....	....	....	1	....	1	3	3	1	2	1	2	1	1	....	...	...	1	1	...	2
....	....	2	1	1	....	1	....	1	....	....	1	1	....	....	1	....	....	...	...	...	...	...	...
12	6	32	34	22	13	7	11	8	5	4	7	6	4	4	3	3	1	3	4	10	2	4	1
....	....	2	4	2	1	....	1	2	1	1	....	1	2	1	1	2	....	1	...	5	2	...	...
3	....	9	8	7	5	3	4	3	1	1	2	1	1	1	....	....	1	...	2	3	...	1	1
9	6	21	22	13	7	4	6	3	3	2	5	4	1	2	2	1	....	2	2	2	...	3	...
1	....	5	2	6	3	2	3	1	....	....	1	....	1	....	....	....	....	...	...	...	...	...	...
9	7	11	13	10	13	7	3	2	....	....	2	....	2	1	....	....	....	1	...	...	...	...	...
3	....	5	4	....	2	2	4	1	1	....	....	....	....	1	1	2	....	...	...	1	...	...	...
5	3	7	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...
5	3	6	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	...	...	...	...	...	...
3	1	8	1	5	7	9	6	5	7	4	3	1	1	3	3	3	5	2	3	1	1	7	...
....	1	1	2	2	2	6	2	....	1	2	....	4	2	5	2	3	4	4	3	3	3	3	3
....	....	....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	1	...	...	...	...	...	...

Table 31—Total Deaths (exclusive of Stillbirths) and Deaths in Institutions, Showing the Number Non-Resident in the Province of Ontario, 1940

	All Deaths						In Institutions					
	Total			Non-resident in Province			Total			Non-resident in Province		
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the Province	38,503	20,923	17,580	221	146	75	15,322	8,790	6,532	131	74	57

Table 32—Total Deaths (exclusive of Stillbirths) and Deaths in in Cities, Towns and Villages of

Cities and Towns	All Deaths												Deaths		
	Total			Residents			Non-resident in City, Town or Village where Death Occurred and						Total		
							Resident in Province			Non-resident in Province					
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Cities:															
Belleville	261	143	118	134	66	68	125	76	49	2	1	1	168	99	69
Brantford	387	209	178	332	174	158	55	35	20	....	....	....	206	131	75
Chatham	358	194	164	196	104	92	161	89	72	1	1	....	255	146	109
Fort William	249	141	108	179	100	79	70	41	29	....	....	....	172	91	81
Galt	201	109	92	158	79	79	42	29	13	1	1	....	96	61	35
Guelph	206	108	98	146	75	71	60	33	27	....	....	....	110	57	53
Hamilton	1698	933	765	1450	780	670	246	152	94	2	1	1	960	562	398
Kingston	603	345	258	399	213	186	198	126	72	6	6	....	414	249	165
Kitchener	402	208	194	300	157	143	102	51	51	....	....	....	247	141	106
London	1158	584	574	862	415	447	295	169	126	1	....	1	711	367	344
Niagara Falls	228	136	92	189	112	77	39	24	15	....	....	....	133	83	50
North Bay	188	121	67	129	78	51	57	41	16	2	2	....	127	85	42
Oshawa	239	119	120	195	94	101	44	25	19	....	....	....	115	55	60
Ottawa	1931	982	949	1574	782	792	290	164	126	67	36	31	1184	635	549
Owen Sound	180	98	82	140	74	66	39	23	16	1	1	....	64	38	26
Peterborough	404	203	201	319	164	155	85	39	46	....	....	....	209	104	105
Port Arthur	264	141	123	189	102	87	74	38	36	1	1	....	201	108	93
St. Catharines	318	162	156	225	113	112	92	48	44	1	1	....	169	95	74
St. Thomas	263	129	134	200	99	101	63	30	33	....	....	....	150	76	74
Sarnia	242	130	112	195	102	93	47	28	19	....	....	....	116	67	49
Sault Ste. Marie	242	127	115	201	102	99	41	25	16	....	....	....	129	76	53
Stratford	241	127	114	192	98	94	49	29	20	....	....	....	126	69	57
Sudbury	325	184	141	223	125	98	100	58	42	2	1	1	207	117	90
Toronto	7387	3981	3406	6233	3309	2924	1137	661	476	17	11	6	3922	2290	1632
Welland	166	99	67	96	55	41	68	42	26	2	2	....	95	59	36
Windsor	896	491	405	741	404	337	155	87	68	....	....	....	490	295	195
Woodstock	267	145	122	139	71	68	127	74	53	1	....	1	172	105	67
Towns:															
Barrie	161	94	67	109	62	47	50	31	19	2	1	1	86	55	31
Brampton	86	47	39	55	27	28	31	20	11	....	....	....	46	26	20
Brockville	228	124	104	156	79	77	72	45	27	....	....	....	144	81	63
Cobourg	129	70	59	90	49	41	38	21	17	1	....	1	65	34	31
Collingwood	118	58	60	80	38	42	38	20	18	....	....	....	57	28	29
Cornwall	256	135	121	160	84	76	88	48	40	8	3	5	172	93	79
Dundas	69	35	34	68	34	34	1	1	....	....	....	....	31	16	15
Eastview	32	17	15	32	17	15	....	....	....	....	....	....	....	....	....
Fort Erie	76	48	28	57	34	23	19	14	5	....	....	....	49	34	15
Fort Francis	47	28	19	38	23	15	9	5	4	....	....	....	14	6	8
Hawkesbury	80	37	43	59	27	32	13	5	8	8	5	3	38	18	20
Ingersoll	88	54	34	69	40	29	19	14	5	....	....	....	38	25	13
Kenora	101	69	32	63	42	21	34	24	10	4	3	1	68	45	23
Leamington	57	31	26	43	26	17	14	5	9	....	....	....	16	6	10
Lindsay	175	98	77	107	52	55	68	46	22	....	....	....	101	62	39
Midland	103	67	36	74	48	26	29	19	10	....	....	....	45	30	15
Mimico	41	17	24	36	12	24	5	5	....	....	....	....	2	....	2
New Toronto	95	59	36	37	21	16	56	36	20	2	2	....	61	41	20
Orillia	178	91	87	122	61	61	56	30	26	....	....	....	93	54	39
Pembroke	187	94	93	100	50	50	77	41	36	10	3	7	139	71	68
Port Colborne	37	19	18	33	18	15	4	1	3	....	....	....	....	....	....
Preston	40	21	19	35	19	16	5	2	3	....	....	....	1	1	....
Renfrew	88	53	35	57	36	21	28	16	12	3	1	2	44	28	16
Riverside	15	7	8	15	7	8	....	....	....	....	....	....	....	....	....
Simcoe	124	71	53	64	33	31	60	38	22	....	....	....	78	44	34
Smiths Falls	100	44	56	80	33	47	20	11	9	....	....	....	48	20	28
Thorold	46	28	18	33	19	14	13	9	4	....	....	....	18	12	6
Timmins	199	121	78	180	106	74	18	14	4	1	1		115	69	46
Trenton	51	22	29	45	18	27	5	3	2	1	1	....	1	....	1
Waterloo	50	27	23	42	21	21	8	6	2	....	....				....
Weston	30	12	18	27	10	17	3	2	1				2		2
Whitby	158	72	86	48	28	20	109	44	65	1		1	128	56	72
Villages:															
Forest Hill	43	16	27	42	16	26	1	....	1	....	....	....	....		
Kirkland Lake	139	86	53	119	71	48	18	15	3	2		2	90	59	31
Swansea	27	9	18	26	8	18	1	1	....	....	....	....	....	....	....

Institutions, Classified according to Residence of Decedents Ontario of 5,000 Population and Over, 1940

IN INSTITUTIONS									DEATHS ELSEWHERE THAN IN INSTITUTIONS											
Residents			Non-resident in City, Town or Village where Death Occurred and						Total			Residents			Non-resident in City, Town or Village where Death Occurred and					
			Resident in Province			Non-resident in Province									Resident in Province			Non-resident in Province		
Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
51	31	20	116	68	48	1	....	1	93	44	49	83	35	48	9	8	1	1	1	....
158	97	61	48	34	14	....	....	....	181	78	103	174	77	97	7	1	6	....	....	....
100	61	39	154	84	70	1	1	....	103	48	55	96	43	53	7	5	2	....	....	....
107	53	54	65	38	27	....	....	....	77	50	27	72	47	25	5	3	2	....	....	....
57	35	22	38	25	13	1	1	....	105	48	57	101	44	57	4	4	....	....	....	....
53	26	27	57	31	26	....	....	....	96	51	45	93	49	44	3	2	1	....	....	....
726	414	312	233	148	85	1	....	1	738	371	367	724	366	358	13	4	9	1	1	....
220	122	98	189	122	67	5	5	....	189	96	93	179	91	88	9	4	5	1	1	....
152	94	58	95	47	48	....	....	....	155	67	88	148	63	85	7	4	3	....	....	....
429	205	224	281	162	119	1	....	1	447	217	230	433	210	223	14	7	7	....	....	....
97	60	37	36	23	13	....	....	....	95	53	42	92	52	40	3	1	2	....	....	....
74	45	29	51	38	13	2	2	....	61	36	25	55	33	22	6	3	3	....	....	....
77	33	44	38	22	16	....	....	....	124	64	60	118	61	57	6	3	3	....	....	....
844	444	400	284	160	124	56	31	25	747	347	400	730	338	392	6	4	2	11	5	6
30	15	15	33	22	11	1	1	....	116	60	56	110	59	51	6	1	5	....	....	....
129	67	62	80	37	43	....	....	....	195	99	96	190	97	93	5	2	3	....	....	....
132	73	59	68	34	34	1	1	....	63	33	30	57	29	28	6	4	2	....	....	....
90	53	37	79	42	37	....	....	....	149	67	82	135	60	75	13	6	7	1	1	....
93	46	47	57	30	27	....	....	....	113	53	60	107	53	54	6	....	6	....	....	....
72	41	31	44	26	18	....	....	....	126	63	63	123	61	62	3	2	1	....	....	....
98	56	42	31	20	11	....	....	....	113	51	62	103	46	57	10	5	5	....	....	....
79	41	38	47	28	19	....	....	....	115	58	57	113	57	56	2	1	1	....	....	....
119	71	48	86	45	41	2	1	1	118	67	51	104	54	50	14	13	1	....	....	....
2862	1669	1193	1047	614	433	13	7	6	3465	1691	1774	3371	1640	1731	90	47	43	4	4	....
31	17	14	62	40	22	2	2	....	71	40	31	65	38	27	6	2	4	....	....	....
350	215	135	140	80	60	....	....	....	406	196	210	391	189	202	15	7	8	....	....	....
47	31	16	125	74	51	....	....	....	95	40	55	92	40	52	2	....	2	1	....	1
45	29	16	40	25	15	1	1	....	75	39	36	64	33	31	10	6	4	1	....	1
16	7	9	30	19	11	....	....	....	40	21	19	39	20	19	1	1	....	....	....	....
74	38	36	70	43	27	....	....	....	84	43	41	82	41	41	2	2	....	....	....	....
34	18	16	31	16	15	....	....	....	64	36	28	56	31	25	7	5	2	1	....	1
26	12	14	31	16	15	....	....	....	61	30	31	54	26	28	7	4	3	....	....	....
80	44	36	84	46	38	8	3	5	84	42	42	80	40	40	4	2	2	....	....	....
31	16	15	....	....	....	....	....	....	38	19	19	37	18	19	1	1	....	....	....	....
....	....	....	....	....	....	....	....	....	32	17	15	32	17	15	....	....	....	....	....	....
31	21	10	18	13	5	....	....	....	27	14	13	26	13	13	1	1	....	....	....	....
7	3	4	7	3	4	....	....	....	33	22	11	31	20	11	2	2	....	....	....	....
19	10	9	12	4	8	7	4	3	42	19	23	40	17	23	1	1	....	1	1	....
22	13	9	16	12	4	....	....	....	50	29	21	47	27	20	3	2	1	....	....	....
35	23	12	31	21	10	2	1	1	33	24	9	28	19	9	3	3	....	2	2	....
3	2	1	13	4	9	....	....	....	41	25	16	40	24	16	1	1	....	....	....	....
36	17	19	65	45	20	....	....	....	74	36	38	71	35	36	3	1	2	....	....	....
21	15	6	24	15	9	....	....	....	58	37	21	53	33	20	5	4	1	....	....	....
2	....	2	....	....	....	....	....	....	39	17	22	34	12	22	5	5	....	....	....	....
4	3	1	55	36	19	2	2	....	34	18	16	33	18	15	1	....	1	....	....	....
45	29	16	48	25	23	....	....	....	85	37	48	77	32	45	8	5	3	....	....	....
58	30	28	73	38	35	8	3	5	48	23	25	42	20	22	4	3	1	2	....	2
....	....	....	....	....	....	....	....	....	37	19	18	33	18	15	4	1	3	....	....	....
1	1	....	....	....	....	....	....	....	39	20	19	34	18	16	5	2	3	....	....	....
17	13	4	24	14	10	3	1	2	44	25	19	40	23	17	4	2	2	....	....	....
....	....	....	....	....	....	....	....	....	15	7	8	15	7	8	....	....	....	....	....	....
21	8	13	57	36	21	....	....	....	46	27	19	43	25	18	3	2	1	....	....	....
30	9	21	18	11	7	....	....	....	52	24	28	50	24	26	2	....	2	....	....	....
7	5	2	11	7	4	....	....	....	28	16	12	26	14	12	2	2	....	....	....	....
97	55	42	17	13	4	1	1	....	84	52	32	83	51	32	1	1	....	....	....	....
1	....	1	....	....	....	....	....	....	50	22	28	44	18	26	5	3	2	1	1	....
....	....	....	....	....	....	....	....	....	50	27	23	42	21	21	8	6	2	....	....	....
1	....	1	1	....	1	....	....	....	28	12	16	26	10	16	2	2	....	....	....	....
20	13	7	107	43	64	1	....	1	30	16	14	28	15	13	2	1	1	....	....	....
....	....	....	....	....	....	....	....	....	43	16	27	42	16	26	1	....	1	....	....	....
72	46	26	16	13	3	2	....	2	49	27	22	47	25	22	2	2	....	....	....	....
....	....	....	....	....	....	....	....	....	27	9	18	26	8	18	1	1	....	....	....	....

Table 33—Deaths (exclusive of Stillbirths) by Single Years of Age and by Age Groups in the Province of Ontario, 1940

AGES	TOTAL FOR PROVINCE		
	Total	Male	Female
All ages	38,503	20.923	17,580
Under 1 year	2,959	1,685	1,274
1 year	277	157	120
2 years	123	62	61
3 "	112	67	45
4 "	96	57	39
Total under 5 years	3,567	2,028	1.539
5 years	84	50	34
6 "	65	39	26
7 "	65	43	22
8 "	63	49	14
9 "	49	22	27
Total 5-9 years	326	203	123
10 years	71	36	35
11 "	47	31	16
12 "	58	34	24
13 "	70	33	37
14 "	71	40	31
Total 10-14 years	317	174	143
15 years	81	56	25
16 "	103	68	35
17 "	97	60	37
18 "	92	57	35
19 "	117	76	41
Total 15-19 years	490	317	173
20 years	94	63	31
21 "	121	75	46
22 "	102	52	50
23 "	120	76	44
24 "	103	65	38
Total 20-24 years	540	331	209
25 years	109	65	44
26 "	128	66	62
27 "	108	58	50
28 "	134	64	70
29 "	108	51	57
Total 25-29 years	587	304	283
30 years	133	58	75
31 "	124	65	59
32 "	151	91	60
33 "	120	62	58
34 "	139	67	72
Total 30-34 years	667	343	324
35 years	155	93	62
36 "	182	96	86
37 "	165	89	76
38 "	165	94	71
39 "	228	127	101
Total 35-39 years	895	499	396
40 years	190	107	83
41 "	184	106	78
42 "	228	121	107
43 "	237	129	108
44 "	208	118	90
Total 40-44 years	1,047	581	466
45 years	235	140	95
46 "	259	148	111
47 "	281	167	114
48 "	300	163	137
49 "	323	179	144
Total 45-49 years	1,398	797	601
50 years	378	226	152
51 "	351	203	148
52 "	455	255	200
53 "	432	246	186
54 "	479	285	194
Total 50-54 years	2,095	1,215	880
55 years	459	275	184
56 "	522	324	198
57 "	511	298	213
58 "	604	385	219
59 "	561	337	224
Total 55-59 years	2,657	1,619	1,038
60 years	621	367	254
61 "	526	291	235
62 "	672	401	271
63 "	692	417	275
64 "	733	436	297
Total 60-64 years	3.244	1,912	1,332
65 years	824	475	349
66 "	684	389	295
67 "	771	453	318
68 "	826	458	368
69 "	819	454	365
Total 65-69 years	3,924	2,229	1,695
70 years	901	479	422
71 "	826	455	371
72 "	985	532	453
73 "	942	513	429
74 "	928	493	435
Total 70-74 years	4.582	2,472	2,110
75 years	955	473	482
76 "	1,004	515	489
77 "	952	485	467
78 "	931	477	454
79 "	1,029	493	536
Total 75-79 years	4.871	2,443	2,428
80 years	991	452	539
81 "	770	404	366
82 "	792	391	401
83 "	761	361	400
84 "	668	350	318
Total 80-84 years	3,982	1,958	2,024
85 years	598	263	335
86 "	546	261	285
87 "	438	202	236
88 "	366	178	188
89 "	326	151	175
Total 85-89 years	2.274	1,055	1,219
90 years	264	128	136
91 "	180	74	106
92 "	159	60	99
93 "	117	45	72
94 "	89	42	47
Total 90-94 years	809	349	460
95 years	60	10	50
96 "	51	20	31
97 "	34	18	16
98 "	25	14	11
99 "	18	8	10
Total 95-99 years	188	70	118
100 years and over	28	14	14
Not stated	15	10	5

Table 34—Deaths (exclusive of Stillbirths) Classified according to Racial Origin of Decedents in the Province of Ontario, 1940

RACIAL ORIGIN	ONTARIO			RACIAL ORIGIN	ONTARIO		
	Total	Male	Female		Total	Male	Female
ALL ORIGINS	38,503	20,923	17,580	Hungarian	109	67	42
English	14,423	7,838	6,585	Icelandic	3	2	1
Irish	8,419	4,378	4,041	Indian	452	233	219
Scottish	6,276	3,266	3,010	Italian	303	196	107
Welsh	198	123	75	Japanese	....	....	....
French	3,225	1,772	1,453	Jewish	416	211	205
German	1,600	881	719	Negro	109	70	39
Armenian	14	9	5	Norwegian	44	28	16
Austrian	82	53	29	Polish	341	224	117
Belgian	38	26	12	Roumanian	64	44	20
Bulgarian	8	8	....	Russian	118	89	29
Chinese	101	98	3	Serb and Croat	50	34	16
Czech and Slovak	70	41	29	Swedish	95	65	30
Danish	43	21	22	Swiss	53	32	21
Dutch	774	433	341	Syrian	31	19	12
Finnish	262	178	84	Ukrainian*	192	124	68
Greek	41	33	8	Other	32	22	10
Hindu	....	....	....	Not specified	517	305	212

*Including "Galician" and "Bukovinian."

Table 35—Deaths (exclusive of Stillbirths) Classified according to Birthplace of Decedents for the Province of Ontario and for Cities, Towns and Villages of 10,000 Population and Over, 1940

Province, Cities, Towns and Villages		Total Deaths by Sex	BIRTHPLACE OF DECEDENTS: Canada										British Isles					British Possessions		Europe															Asia			United States	Various	Not specified
			Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other			
Ontario	Total	38,503	30	152	97	1563	26451	112	49	19	13	62	4354	859	1290	91	26	59	60	114	27	23	211	31	219	29	75	207	26	398	76	315	60	178	95		42	952	5	133
	M.	20,923	18	85	60	852	13966	75	31	11	11	33	2455	457	708	52	15	33	35	78	18	12	152	17	128	17	48	140	20	255	47	199	44	126	94		28	486	3	114
	F.	17,580	12	67	37	711	12485	37	18	8	2	29	1899	402	582	39	11	26	25	36	9	11	59	14	91	12	27	67	6	143	29	116	16	52	1		14	466	2	19
Belleville	Total	261		2		6	210	1					21	3	10										1			1						2				3		1
	M.	143				2	113						15		7										1			1						1				2		1
	F.	118		2		4	97	1					6	3	3																			1				1		
Brantford	Total	387		3	1	3	242	1					77	9	14	2				1					1		4	2		4	1	6		2			2	10		2
	M.	209		2		1	129						42	3	7	1				1					1		2	2		2		5		2			2	5		2
	F.	178		1	1	2	113	1					35	6	7	1											2			2	1	1						5		
Chatham	Total	358			1	3	288	1		1			29	3	4		1	1			7	1				2	2			1		2					1	9		1
	M.	194			1	2	152			1			21		1			1			3					2	2			1		1						5		1
	F.	164				1	136	1					8	3	3		1				4	1										1					1	4		
Cornwall	Total	256				22	211						9	2	3													2		1	1	1						4		
	M.	135				11	111						6	1	1																1	1						3		
	F.	121				11	100						3	1	2													2		1								1		
Forest Hill	Total	43		2			25						5		5			2													1	1						2		
	M.	16					8						2		3			2													1									
	F.	27		2			17						3		2																	1						2		
Fort William	Total	249	1	3	2	6	113	4	2	1			37	3	14	2				4		1	9					6	2	4		18	6	4	1			4		2
	M.	141	1	2	2	4	53	2	1				19	3	11	2				1			7					5	2	3		10	5	3	1			2		2
	F.	108		1		2	60	2	1	1			18		3					3		1	2					1		1		8	1	1				2		

Galt	Total	201	..	2	..	1	154	...	1	..	..	...	23	4	10	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	...	...	..	..	..	3	...	...
	M.	109	..	1	..	....	83	...	1	..	..	...	12	3	5	...	.	...	..	...	...	...	...	1	...	...	1	...	...	1	...	...	...	...	..	..	..	1	...	...
	F.	92	..	1	..	1	71	...	..	..	..	...	11	1	5	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	2	...	...
Guelph	Total	206	..	1	..	1	152	1	..	..	..	...	23	6	13	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2	...	1	...	...	..	..	1	3	...	...
	M.	108	..	...	..	....	77	1	..	..	..	...	14	3	6	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2	...	...	...	..	..	..	1	2	...	...
	F.	98	..	1	..	1	75	...	..	..	..	...	9	3	7	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	..	..	..	1	...	...
Hamilton	Total	1,698	..	6	4	24	944	2	3	..	..	...	342	50	118	9	8	...	4	6	...	...	...	1	6	1	11	31	...	26	4	11	1	18	1	..	1	59	...	7
	M.	933	..	4	3	13	499	...	..	..	..	...	191	28	67	4	6	...	3	4	...	...	...	...	2	1	9	18	...	15	3	8	1	15	1	..	..	31	...	7
	F.	765	..	2	1	11	445	2	3	..	..	...	151	22	51	5	2	...	1	2	...	...	...	1	4	...	2	13	...	11	1	3	...	3	..	..	1	28	...	...
Kingston	Total	603	3	2	..	13	476	...	2	3	1	..	50	11	10	...	1	...	...	...	...	...	1	1	1	...	...	1	...	1	1	...	1	2	5	..	..	16	...	1
	M.	345	3	1	..	10	268	...	1	2	1	..	28	2	7	...	1	...	...	...	...	...	1	...	...	...	...	1	...	1	1	...	1	2	5	..	..	8	...	1
	F.	258	..	1	..	3	208	...	1	1	..	...	22	9	3	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	..	..	..	8	...	...
Kirkland Lake	Total	139	2	5	1	16	81	1	..	..	..	...	5	3	3	...	...	...	..	...	...	...	3	...	...	...	...	...	1	5	1	2	1	3	1	..	2	2	...	1
	M.	86	1	4	1	10	47	1	..	..	..	...	3	1	3	...	...	...	...	...	...	...	2	...	...	...	...	...	...	2	1	2	...	3	1	..	2	1	...	1
	F.	53	1	1	..	6	34	...	..	..	..	...	2	2	....	...	...	...	...	...	...	...	1	...	...	...	...	...	1	3	...	...	1	...	..	..	..	1	...	...
Kitchener	Total	402	..	...	..	2	307	...	..	..	..	...	29	2	6	...	..	1	...	3	...	...	...	...	26	1	1	...	...	2	7	1	1	2	..	..	1	10	...	...
	M.	208	..	...	..	2	160	...	..	..	..	...	13	1	2	...	...	...	...	1	...	...	...	...	17	...	1	...	...	2	1	1	...	1	..	..	1	5	...	...
	F.	194	..	...	..	....	147	...	..	..	..	...	16	1	4	...	..	1	...	2	...	...	...	...	9	1	...	...	...	...	6	...	1	1	..	..	..	5	...	...
London	Total	1,158	..	4	2	6	846	...	1	..	..	1	166	25	33	4	1	...	...	2	...	2	...	...	6	...	4	2	...	4	2	7	2	2	..	..	..	36	...	...
	M.	584	..	1	2	3	410	...	1	..	..	1	92	12	24	3	1	...	...	1	...	2	...	...	4	...	3	1	...	3	1	5	2	...	..	..	..	12	...	...
	F.	574	..	3	..	3	436	...	..	..	..	...	74	13	9	1	..	...	...	1	...	...	...	...	2	...	1	1	...	1	1	2	...	2	..	..	..	24	...	...
Niagara Falls	Total	228	..	...	3	4	134	1	..	..	..	..	31	2	16	...	2	...	..	1	...	1	...	...	...	...	1	8	...	1	3	2	...	1	..	..	1	15	...	1
	M.	136	..	...	3	1	87	1	..	..	..	..	14	1	12	...	2	...	...	...	...	...	...	...	...	...	...	5	...	1	3	...	...	1	..	..	..	5	...	...
	F.	92	..	...	..	3	47	...	..	..	..	...	17	1	4	...	...	..	...	1	...	1	...	...	..	...	1	3	...	...	...	2	...	..	..	..	1	10	...	1
North Bay	Total	188	..	...	1	22	115	...	..	..	..	...	15	3	8	...	...	...	2	1	...	...	2	1	2	...	...	4	...	...	...	2	1	1	..	..	..	5	...	3
	M.	121	..	...	..	14	70	...	..	..	..	...	9	2	5	...	...	...	1	1	...	...	2	...	2	...	...	4	...	...	...	2	...	1	..	..	..	5	...	3
	F.	67	..	...	1	8	45	...	..	..	..	...	6	1	3	...	..	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	1	..	..	..	..	...	...	...
Oshawa	Total	239	..	...	..	4	167	...	..	1	..	1	37	6	7	...	...	...	..	2	...	1	...	...	...	1	...	1	1	5	...	2	...	1	..	..	..	1	1	...
	M.	119	..	...	..	3	82	...	..	..	..	...	22	2	....	...	...	...	..	2	...	...	...	...	...	...	...	1	1	3	...	1	...	1	..	..	..	...	1	...
	F.	120	..	...	..	1	85	...	..	1	..	1	15	4	7	...	...	...	...	...	...	1	...	...	...	1	...	...	...	2	...	1	...	...	..	..	..	1	...	...
Ottawa	Total	1,931	1	16	15	432	1118	6	1	1	2	2	138	39	35	3	1	2	3	7	2	2	...	2	9	1	...	7	2	6	1	16	...	8	5	..	4	43	...	1
	M.	982	1	6	8	202	576	5	1	..	2	...	77	15	18	3	...	1	3	5	2	2	...	1	5	1	...	4	2	4	...	9	...	5	5	..	3	15	...	1
	F.	949	..	10	7	230	542	1	..	1	..	2	61	24	17	...	1	1	..	2	...	...	...	1	4	...	...	3	...	2	1	7	...	3	..	..	1	28	...	...
Owen Sound	Total	180	..	...	..	4	150	2	..	..	..	...	10	3	6	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	1	3	...	...
	M.	98	..	...	..	3	80	1	..	..	..	...	5	1	5	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	1	1	...	...
	F.	82	..	...	..	1	70	1	..	..	..	...	5	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	..	2	...	...

*Including the Ukraine.

Table 35—Deaths (exclusive of Stillbirths) Classified according to Birthplace of Decedents for the Province of Ontario and for Cities, Towns and Villages of 10,000 Population and Over, 1940—Continued

Province, Cities, Towns and Villages		Total Deaths by Sex	BIRTHPLACE OF DECEDENTS																																						
			Canada										British Isles					British Possessions		Europe																Asia					
			Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other	United States	Various	Not specified
Pembroke	Total	187	...	...	...	23	142	1	...	...	...	...	5	2	1	...	...	...	...	...	...	...	...	...	10	...	...	...	...	...	...	...	...	1	...	...	...	1	...	1
	M.	94	...	...	...	11	68	1	...	...	...	...	5	1	1	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1
	F.	93	...	...	...	12	74	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Peterborough	Total	404	1	...	2	7	326	1	...	...	...	...	41	4	9	2	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	1	...	...	...	...	...	7	...	...
	M.	203	...	...	1	3	161	1	...	...	...	...	20	2	4	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	1	...	...	...	...	...	7	...	...
	F.	201	1	...	1	4	165	...	...	...	...	...	21	2	5	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Port Arthur	Total	264	2	5	...	13	99	7	...	...	...	...	35	6	13	1	...	1	...	2	1	1	42	1	...	...	...	5	2	5	...	6	3	1	1	...	...	11	...	1
	M.	141	1	3	...	9	47	3	...	...	...	...	18	4	5	...	...	1	...	2	...	...	23	1	...	...	...	3	1	2	...	4	3	1	1	...	...	8	...	1
	F.	123	1	2	...	4	52	4	...	...	...	...	17	2	8	1	...	...	...	...	1	1	19	...	...	...	...	2	1	3	...	2	...	...	...	...	...	3	...	...
St. Catharines	Total	318	...	1	1	7	202	1	...	1	...	...	45	3	16	3	1	1	...	2	...	...	1	...	...	1	1	...	1	6	1	5	...	1	...	...	4	13	...	...
	M.	162	...	1	1	4	96	...	...	1	...	...	27	3	7	2	...	1	...	...	...	...	1	...	...	1	1	...	1	5	...	3	...	1	...	...	2	4	...	...
	F.	156	...	...	...	3	106	1	...	...	...	...	18	...	9	1	1	...	...	2	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	2	9	...	...
St Thomas	Total	263	...	...	1	1	198	1	1	1	...	...	41	...	10	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	7	...	...
	M.	129	...	...	...	1	94	1	1	1	...	...	18	...	7	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	4	...	...
	F.	134	...	...	1	...	104	...	...	...	...	...	23	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Sarnia	Total	242	...	1	...	2	187	...	...	...	...	...	28	7	5	...	1	...	...	1	...	...	...	...	1	...	...	...	...	1	...	1	...	...	...	...	...	7	...	...
	M	130	...	1	...	...	97	...	...	...	...	...	18	6	4	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
	F.	112	...	...	...	2	90	...	...	...	...	...	10	1	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1	...	1	...	...	...	...	...	4	...	...
Sault Ste. Marie	Total	242	1	1	1	18	144	...	...	...	...	...	16	2	8	2	...	...	...	2	...	...	9	...	1	...	1	9	...	6	1	1	1	4	...	...	...	11	...	3
	M.	127	1	1	...	9	73	...	...	...	...	...	10	2	3	1	...	...	...	2	...	...	6	...	...	...	...	3	...	4	1	1	1	2	...	...	...	5	...	2
	F.	115	...	...	1	9	71	...	...	...	...	...	6	...	5	1	...	...	...	...	...	...	3	...	1	...	1	6	...	2	...	...	...	2	...	...	...	6	...	1

Stratford............	Total	241	..	...	..	3	185	...	...	...	...	...	26	6	12	1	.	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	..	..	..	.	5	...	...
	M.	127	..	...	..	2	93	...	...	...	...	...	16	4	6	1	..	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	..	..	..	4	...	...
	F.	114	..	...	..	1	92	...	...	...	...	...	10	2	6	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	..	..	..	1	...	...
Sudbury............	Total	325	..	1	..	48	198	...	2	..	..	..	9	2	5	1	..	...	1	6	...	...	23	...	...	...	...	3	...	8	...	2	...	...	2	..	2	7	...	5
	M.	184	..	1	..	31	101	...	1	..	..	..	5	2	1	1		...	...	5	...	...	15	...	...	...	...	3	...	5	...	2	...	...	2	..	1	5	...	3
	F.	141	..	...	..	17	97	...	1	..	..	...	4	....	4	...	..	...	1	1	...	...	8	...	...	...	...	...	...	3	...	...	...	...	..	..	1	2	...	2
Timmins............	Total	199	..	10	1	36	96	2	2	..	..	..	12	....	1	1	..	2	...	2	...	...	7	...	...	...	...	3	...	8	2	3	...	3	..	..	..	8	...	...
	M.	121	..	6	1	21	56	1	..	..	..		7	....	1	1	...	...	...	2	...	...	5	...	...	...	...	2	...	6	2	3	...	3	..	..	..	4	...	...
	F.	78	..	4	..	15	40	1	2	.	..	..	5	....	....	...	..	2	...	...	...	...	2	...	...	...	...	1	...	2	...	...	...	...	..	..	..	4	...	...
Toronto............	Total	7,387	10	43	26	149	3931	12	8	1	5	45	1427	344	453	27	6	29	26	24	1	4	21	4	20	4	7	50	4	191	30	143	4	53	47	..	7	192	4	35
	M.	3,981	3	22	14	78	2009	8	4	1	5	28	800	191	248	14	2	16	14	15	1	2	13	2	12	4	6	39	2	116	15	80	3	36	46	..	6	96	2	28
	F.	3,406	7	21	12	71	1922	4	4	..	..	17	627	153	205	13	4	13	12	9	...	2	8	2	8	...	1	11	2	75	15	63	1	17	1	..	1	96	2	7
Welland............	Total	166	1	1	..	10	85	...	...	...	...	...	20	1	7	2	..	...	...	2	...	...	...	...	2	...	9	9	...	3	...	1	...	2	1	..	..	9	...	1
	M.	99	1	1	..	7	49	...	..	..	.	.	12	1	2	2	..	...	..	1	...	...	...	...	2	...	5	5	...	2	...	1	..	1	1	..	.	5	...	1
	F.	67	..	...	..	3	36	...	..	..	..	..	8	....	5	....	..	...	...	1	...	...	...	...	...	...	4	4	...	1	...	...	...	1	..	..	.	4	...	...
Windsor............	Total	896	..	4	1	22	576	1	..	..	..	...	99	9	37	5	..	...	1	8	1	...	...	2	4	4	10	3	1	21	9	12	1	8	4	..	6	46	...	1
	M.	491	..	3	1	14	312	1	..	..	..		46	5	19	4	.	..	1	7	1	...	...	2	2	3	4	3	..	13	8	7	1	3	4	..	4	22	...	1
	F.	405	..	1	..	8	264	...	..	..	..	...	53	4	18	1	..	...	...	1	...	...	...	...	2	1	6	...	1	8	1	5	...	5	..	..	2	24	...	...
Woodstock..........	Total	267	..	...	..	3	200	...	...	...	...	...	34	3	7	1	...	...	...	2	...	...	2	...	3	...	...	...	...	3	...	...	1	..	..	..	..	8	...	...
	M.	145	..	...	..	3	105	...	...	...	...	...	21	2	3	...	...	...	...	1	...	...	1	...	3	...	...	...	...	1	...	...	1	..	..	..	.	4	...	...
	F.	122	..	...	..	....	95	...	...	...	...	...	13	1	4	1	...	...	...	1	...	...	1	...	...	...	...	...	...	2	...	...	...	..	..	..	..	4	...	...

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*Including the Ukraine.

Table 36—Deaths (exclusive of Stillbirths) Classified according to Birthplaces of Parents of Decedents in the Province of Ontario, 1940

Birthplace of Father	Total Fathers	Birthplace of Mother: Canada										British Isles					British Possessions		Europe															Asia			United States	Various	Not specified
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia*	Sweden	Other	China	Japan	Other			
Canada	16,031	22	124	81	1739	11106	47	43	9	7	863	539	495	274	3	1	15	14	3	1	1	2	17	37	3	2	...	3	6	...	3	3	7	...	...		330	1	230
Prince Edward Island	40	17	1	...	...	10	...	...	...	...	1	1	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		3		3
Nova Scotia	154	...	93	1	3	21	...	1	1	...	3	5	7	5	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...		8	...	2
New Brunswick	110	...	4	58	5	17	...	2	...	...	1	6	4	6	...	...	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...		1	...	3
Quebec	2035	...	1	5	1458	394	2	2	...	...	9	25	46	16	1	...	1	...	...	...	...	...	2	1	...	...	...	1	...	...	...	...	...	...	...	...	29		42
Ontario	12,504	4	23	16	261	10542	24	22	3	4	60	445	385	212	1	...	9	14	2	1	1	1	12	30	2	1	...	2	5	...	1	2	6	...	...	...	262	1	150
Manitoba	57	...	...	...	2	29	14	3	1	...	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	3		...
Saskatchewan	39	...	1	...	...	13	5	11	2	1	1	2	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...		...
Alberta	9	...	...	...	1	4	...	...	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		
British Columbia	8	...	...	...	1	4	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...		1
Province not specified	1075	1	1	1	8	72	1	2	...		788	51	49	33	...	...	2	...	1	...	...	...	3	6	1	...	...	...	...	...	1	1	...	...	...	...	24		29
British Isles	16,837	5	38	21	148	2315	11	3	1	...	405	6555	3776	2923	120	26	4	15	...	...	...	...	17	9	9	...	...	1	1	...	...	1	5	...	1	1	200	1	225
England	8074	3	17	7	55	894	6	2	...	...	160	6169	342	190	24	9	2	6	...	...	...	...	8	7	1	...	...	1	1	...	...	...	2	...	...	...	80	1	87
Ireland	4850	...	11	8	60	832	3	...	1	...	163	166	3246	162	6	...	1	5	...	...	...	...	5	2	6	...	...	...	...	...	...	1	2	...	...	1	72	...	97
Scotland	3720	2	10	5	33	568	2	1	...	...	79	184	182	2561	2	...	1	4	...	...	...	...	3	...	1	...	...	...	...	...	...	...	1	...	1	...	45	...	35
Wales	162	...	...	1	...	18	...	...	...	...	3	30	3	10	88	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	2		5
Other	31	...	...	...	...	3	...	...	...	...	...	6	3	...	...	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
British Possessions	118	1	2	...	3	24	...	...	...	...	1	14	5	4	...	...	46	15	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...		2
Newfoundland	63	...	1	...	2	10	...	...	...	...	1	3	...	...	...	...	46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Other	55	1	1	...	1	14	...	...	...	...	...	11	5	4	...	...	...	15	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Europe	3,348	...	3	...	21	224	9	5	2	...	20	40	26	9	1	...	...	2	133	36	27	240	70	741	43	104	259	27	468	83	364	75	225	...	...	...	47		14
Austria	140	...	...	...	...	2	1	...	2	...	...	...	...	...	...	...	...	...	125	...	...	...	...	2	...	...	...	...	3	...	1	...	2	...	...	...	1	...	1
Belgium	38	...	...	...	...	3	...	1	...	...	...	1	...	...	...	...	...	...	...	33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Denmark	40	...	...	...	...	4	...	...	...	...	...	4	...	...	...	...	...	1	...	...	27	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Finland	250	...	...	...	1	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	235	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	1
France	136	...	...	...	9	25	...	...	...	...	2	7	4	3	...	...	...	...	...	1	...	...	56	10	...	...	...	...	2	...	...	...	2	...	...	...	9	...	6
Germany	952	...	...	...	3	123	...	...	...	...	14	15	15	2	...	...	...	1	...	...	...	...	12	723	1	1	...	...	...	...	...	1	3	...	...	...	19	...	19
Holland	71	...	1	...	...	10	...	...	...	...	1	3	3	1	...	...	...	...	...	2	...	...	...	2	42	...	...	...	...	...	...	...	...	...	...	...	3	...	3
Hungary	105	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	100	...	...	1	...	...	...	...	...	...	...	1	...	...
Italy	277	...	...	...	2	11	1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	259	...	...	...	...	...	...	...	...	...	1	...	
Norway	38	...	...	...	...	2	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	2	...	...	...	...	...	27	...	...	...	1	...	...	...	...	1	...	2
Poland	491	...	...	...	...	10	4	2	...	...	1	2	...	...	...	...	...	...	5	...	...	...	...	1	...	...	...	...	454	...	3	...	1	...	...	...	3	...	5
Roumania	91	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	2	81	1	...	1	...	...	...	...	...	2
Russia*	389	...	...	...	2	9	1	...	...	...	...	3	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	5	1	358	...	1	...	...		4	...	3

Sweden	83	...	2	...	2	1	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	72	...	...	...	...	...	...	1
Other	247	...	...	...	2	10	...	...	...	...	1	2	2	3	1	...	...	...	1	...	...	...	1	1	...	2	...	...	1	1	1	...	215	...	...	...	3	...	...
Asia	143	...	1	...	...	2	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	96	...	41	...	1	...
China	99	...	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	96	...	...	...	...	...
Japan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other	44	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41	...	1	...
United States	999	2	1	2	26	305	...	2	...	...	23	52	51	22	1	...	...	...	...	1	...	...	2	9	2	1	2	1	1	...	1	1	1	...	...	...	419	1	40
Various	3	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Not specified	1,024	...	...	3	18	189	1	3	1	...	8	12	7	8	...	...	...	...	1	...	...	...	...	2	...	1	1	...	1	...	1	...	1	...	...	...	9	...	757
Total Mothers	38,503	30	169	107	1955	14165	68	56	13	7	1320	7212	4364	3241	125	27	65	46	137	38	28	242	106	799	57	108	262	32	477	83	369	80	239	96	1	42	1035	4	1298

*Including the Ukraine.

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1940

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
DEATHS—ALL CAUSES—Total	.	**38503**	**2959**	**277**	**123**	**112**	**96**	**326**	**317**	**490**	**540**	**587**	**667**	**895**	**1047**	**1398**	**2095**	**2657**	**3244**	**3924**	**4582**	**4871**	**3982**	**2274**	**809**	**188**	**28**	**51**	
	M	**20923**	**1685**	**157**	**62**	**67**	**57**	**203**	**174**	**317**	**331**	**304**	**343**	**499**	**581**	**797**	**1215**	**1619**	**1912**	**2229**	**2472**	**2443**	**1958**	**1055**	**349**	**70**	**14**	**10**	
	F	**17580**	**1274**	**120**	**61**	**45**	**39**	**123**	**143**	**173**	**209**	**283**	**324**	**396**	**466**	**601**	**880**	**1038**	**1332**	**1695**	**2110**	**2428**	**2024**	**1219**	**460**	**118**	**14**	**5**	
CLASS I—INFECTIOUS AND PARASITIC DISEASES																													
Total	...	2132	182	53	19	19	20	55	60	86	104	128	112	122	112	117	132	138	118	136	120	119	93	60	23	4	....	....	
	M	1173	88	29	11	9	10	36	22	44	50	50	50	73	71	81	88	98	74	78	71	64	37	26	12	1	....	....	
	F	959	94	24	8	10	10	19	38	42	54	78	62	49	41	36	44	40	44	58	49	55	56	34	11	3	....	....	
1. Typhoid fever	M	14	....	....	....	....	....	....	....	....	3	2	1	1	2	1	....	....	1	1	2	....	....	....	....	....	....	....	1
	F	12	....	....	....	....	....	1	1	2	1	....	3	....	....	2	....	1	....	....	1	....	....	....	....	....	....	....	
2. Paratyphoid fever	M	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2
5. Undulant fever	M	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	5
	F	2	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
7. Measles	M	13	5	2	1	....	1	1	....	1	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	7
	F	18	2	2	....	3	1	5	2	....	....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	
8. Scarlet fever	M	22	....	1	....	1	2	4	4	2	2	2	....	1	....	1	1	....	....	....	1	....	....	....	....	....	....	....	8
	F	9	1	....	....	1	....	....	4	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	
9. Whooping-cough	M	29	20	5	....	1	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	9
	F	40	27	9	2	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
10. Diphtheria	M	6	....	....	1	1	1	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10
	F	8	....	....	2	2	....	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
11. Influenza	M	309	43	11	5	2	1	4	2	4	3	4	4	11	3	9	16	15	11	29	32	41	25	23	11	....	....	....	11
	F	302	33	7	1	....	3	1	8	3	1	5	6	4	4	9	12	11	11	28	25	38	48	31	10	3	....	....	
11A. Sole cause	M	19	4	1	1	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	2	1	2	3	2	....	....	....	11A
	F	20	5	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	1	1	....	4	3	2	1	....	....	
11B. With bronchitis	M	17	1	....	....	....	....	....	....	1	....	....	....	1	....	....	....	1	....	3	3	5	1	....	1	....	....	....	11B
	F	18	....	....	....	....	....	....	....	....	....	1	....	....	....	1	1	2	....	1	2	3	5	2	....	....	....	....	
11C. With pneumonia	M	145	28	5	2	....	....	....	1	1	2	2	2	3	2	7	9	7	5	10	13	17	11	14	4	....	....	....	11C
	F	121	18	2	....	....	1	....	4	....	....	2	5	2	1	3	2	2	4	12	13	12	23	10	4	1	....	....	
11D. With other diseases of the respiratory system	M	17	1	....	....	....	....	....	....	....	....	....	1	1	....	1	....	1	1	2	2	4	....	3	....	....	....	....	11D
	F	19	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	1	1	3	5	5	....	....	....	....	
11E. With intestinal complications	M	15	1	1	....	....	....	....	1	1	....	....	....	....	....	....	1	....	....	3	3	1	3	....	....	....	....	....	11E
	F	26	4	2	1	....	1	....	1	1	....	....	....	....	....	....	....	2	1	2	2	5	4	....	....	....	....	....	
11F. With other causes	M	96	8	4	2	2	1	4	....	1	1	2	1	5	1	1	6	6	4	10	9	13	8	3	4	....	....	....	11F
	F	98	6	2	....	....	1	1	3	2	1	1	1	2	3	4	8	4	4	11	6	15	7	11	4	1	....	....	
13. Dysentery	M	11	2	1	1	....	....	1	2	....	....	....	....	....	....	....	....	....	....	....	2	....	2	....	....	....	....	....	13
	F	10	3	....	1	....	....	2	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	2	....	....	....	....	
15. Erysipelas	M	11	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	....	....	1	1	2	1	2	1	....	....	....	15
	F	17	2	....	....	....	....	....	1	....	....	1	1	1	2	....	1	2	2	....	2	....	2	....	....	....	....	....	

16. Poliomyelitis and polioencephalitis	M	9							4	3								1			1								16
	F	5							1	2				2															
17. Lethargic or epidemic encephalitis	M	10														2	2	1	2	1	1	1							17
	F	7													1		3				2	1							
18. Epidemic cerebrospinal meningitis	M	19	4	1		1		2		1	1	2		1		1	2		2	1									18
	F	11	2	1					1	3	1			1				1	1										
22. Tetanus	M	7					1	2	1			1							1			1							22
	F	4					1		1			1									1								
23-32. Tuberculosis	M	570	3	8	2	2	3	15	4	33	36	34	42	52	55	51	51	58	46	34	20	15	6						23-32
	F	441	6	5	2	3	3	5	17	31	51	64	46	35	29	20	23	20	22	25	12	14	6	1	1				
23. Tuberculosis of the respiratory system	M	495		3	1		2	4	3	25	31	28	36	49	52	45	46	55	42	33	19	15	6						23
	F	351	2			1		2	13	25	45	58	40	30	21	17	13	16	18	23	10	12	4		1				
24. Tuberculosis of the meningues and central nervous system	M	29	4	2	1	2	1	9		1	2	2	1	1	1	1	1												24
	F	30	4	2	2	2	2	2	2	4	2	3		1	1	1	1					1							
25. Tuberculosis of the intestines and peritoneum	M	13						1		4	1	2			1	1	1	1		1									25
	F	25		1					2	2	2		4	3	2	1	4	1	1	1		1							
26. Tuberculosis of the vertibral column	M	9										2	2			2	1		2										26
	F	8										2		1			2	1		1			1						
27. Tuberculosis of the bones and joints (vertebral column excepted)	M	5								1						1		1	2										27
	F	4										1			1		2												
27A. Of the bones	M	1																	1										27A
	F	2										1					1												
27B. of the joints	M	4								1						1		1	1										27B
	F	2													1		1												
28. Tuberculosis of the skin and sub-cutaneous cellular tissue	F	1																			1								28
29. Tuberculosis of the lymphatic system (bronchial mesenteric and retroperitoneal glands excepted)	F	5															1		2				1	1					29
30. Tuberculosis of the genito-urinary system	M	8									2			2			2	1			1								30
	F	10									1		1		3	1		2	1		1								
31. Tuberculosis of other organs	M	2		1												1													31
32. Disseminated tuberculosis	M	9	1					1	1	2			3		1														32
	F	7	2				1	1			1		1		1														
32A. Acute	M	1								1																			32A
	F	2	2																										
32C. Not specified	M	8	1					1	1	1			3		1														32C
	F	5					1	1			1		1		1														
34. Syphilis	M	101	9						1		1	1	1	4	6	14	12	20	8	9	8	4	1	1		1			34
	F	49	12							1		2	4	3	3	3	3	5	8	2	2	1							
35. Gonococcus infection and other venereal diseases	M	3									1							1			1								35
36. Purulent infection, septicaemia (non-puerperal)	M	19	1		1			1	1		1	2	1	1	2	1	3		2	2									36
	F	9	2									1		2			1				2	1							

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1940—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																										
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
38. Malaria	M	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	38
39. Other diseases due to protozoal parasites	M	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	39
41. Hydatid cysts	F	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41
41A. Of the liver	F	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41A
42. Other diseases caused by helminths	M	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	42
	F	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	
43. Mycoses	M	8	...	...	...	...	...	1	...	...	1	...	...	...	...	...	1	2	1	...	1	...	1	...	...	...	...	...	43
	F	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	
44. Other infectious or parasitic diseases	M	7	1	...	...	...	...	1	2	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	44
	F	12	4	...	...	...	2	1	...	...	...	2	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	
44A. Chicken-pox	M	3	...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	44A
	F	4	1	...	...	...	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
44C. Others under this title	M	4	1	...	...	...	...	1	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	44C
	F	8	3	...	...	...	1	...	...	...	...	1	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	
CLASS II.—CANCER AND OTHER TUMOURS																													
Total		5127	2	2	4	2	5	6	11	24	20	26	69	121	206	309	475	582	612	697	721	623	402	157	38	10	1	2	
	M	2420	2	...	3	...	3	3	4	18	16	9	24	39	63	114	183	280	306	355	367	313	221	76	15	3	1	2	
	F	2707	...	2	1	2	2	3	7	6	4	17	45	82	143	195	292	302	306	342	354	310	181	81	23	7	...	...	
45–53. Cancer and other malignant tumours	M	2303	2	...	2	...	2	2	2	15	12	8	20	34	59	105	176	276	296	342	357	299	204	71	13	3	1	2	45–53
	F	2544	...	1	1	1	2	2	6	4	2	12	40	68	131	178	271	288	290	330	339	303	170	78	20	7	...	...	
45. Cancer of the buccal cavity and pharynx	M	152	...	...	1	...	...	...	...	...	...	...	...	1	3	5	5	8	12	30	30	28	21	5	3	...	...	...	45
	F	23	...	...	...	...	...	...	...	...	...	...	...	...	1	1	3	3	4	3	5	1	1	...	1	...	...	...	
46. Cancer of the digestive tract and peritoneum	M	1280	...	...	1	...	...	1	...	3	1	4	10	13	34	57	105	151	175	184	211	166	115	41	7	1	...	...	46
	F	1108	...	...	...	...	...	...	1	1	...	4	9	21	40	46	92	99	114	156	186	177	99	49	11	3	...	...	
46A. Of the oesophagus	M	73	...	...	...	...	...	...	...	...	...	...	...	2	...	2	2	9	15	14	8	12	8	1	...	...	...	...	46A
	F	41	...	...	...	...	...	...	...	...	...	...	...	...	2	2	6	4	3	9	2	8	2	2	1	...	...	...	
46B. Of the stomach and duodenum	M	513	...	...	...	...	...	...	...	1	...	2	4	4	11	24	55	65	65	65	90	56	50	19	2	...	...	...	46B
	F	341	...	...	...	...	...	...	...	1	...	1	2	7	15	12	27	22	40	52	60	55	33	12	1	1	...	...	
46C. Of the rectum	M	166	...	...	...	...	...	...	...	1	...	...	1	4	7	4	6	19	25	22	29	29	15	3	1	...	...	...	46C
	F	107	...	...	...	...	...	...	...	...	...	...	1	2	4	9	10	13	16	13	13	14	5	5	2	...	...	...	
46D. Of the liver and biliary ducts	M	90	...	...	1	...	...	...	...	...	...	...	...	...	3	3	4	10	9	13	21	13	8	3	1	1	...	...	46D
	F	155	...	...	...	...	...	...	...	...	...	1	...	4	4	3	17	16	10	24	30	30	9	3	3	1	...	...	
46E. Of the pancreas	M	93	...	...	...	...	...	...	...	1	...	...	...	...	1	6	9	13	14	14	19	7	5	2	2	...	...	...	46E
	F	73	...	...	...	...	...	...	1	...	...	...	...	2	5	3	...	4	7	11	16	15	8	...	1	...	...	...	

46F. Of the peritoneum	M	9						1					2			2		1	1	2									46F
	F	7															1	1	1	2	1	1							
46G. Of other organs	M	336									1	2	3	3	12	16	29	34	46	54	44	49	29	13	1				46G
	F	384										2	6	6	10	17	31	39	37	45	64	54	42	27	3	1			
47. Cancer of the respiratory organs	M	198								1	2	1	1	9	6	19	27	41	30	23	15	12	5	5	1				47
	F	65		1	1					1			1	2	5	4	10	10	8	8	6	4	3	1					
47A. Of the larynx	M	32															2	5	4	7	6	4	1	3					47A
	F	4												1			1			1		1							
47B. Of the lung	M	115									2			7	5	14	18	24	19	8	7	5	4	1	1				47B
	F	44		1						1			1	1	4	4	5	6	7	4	6	1	3						
47C Of the mediastinum	M	10								1		1					1			4	1	1		1					47C
	F	7													1		2	2		1				1					
47D. Of other organs of the respiratory system	M	41											1	2	1	5	6	12	7	4	1	2							47D
	F	10			1												2	2	1	2		2							
48. Cancer of the uterus	F	367										5	11	14	28	46	44	46	44	46	32	30	15	6					48
48A. Of the uterus	F	192										1	3	6	9	14	25	30	22	27	19	24	11	1					48A
48B. Of the cervix uteri	F	175										4	8	8	19	32	19	16	22	19	13	6	4	5					48B
49. Cancer of other female genital organs	F	146								2	1		5	3	7	13	19	21	26	18	15	10	4	2					49
50. Cancer of the breast	M	15													1	1	2	3		2	3	1	1	1					50
	F	518										2	7	15	37	53	75	66	63	64	58	45	20	11		2			
51. Cancer of the male genito-urinary organs	M	420	1				1			2	3	1	1	1	6	9	20	42	53	74	74	75	41	11	2	1		2	51
51A. Of the bladder	M	129												1	4	2	6	22	21	23	22	15	10	2		1			51A
51B. Of the kidney	M	33	1				1					1	1		1	2	3	5	4	6	4	2	1					1	51B
51C. Of the prostate gland	M	236														3	7	11	27	43	47	57	30	8	2			1	51C
51D. Of the testicles and annexa	M	15								2	3				1	2	3	2			1	1							51D
51E. Of other male genito-urinary organs	M	7															1	2	1	2				1					51E
52. Cancer of the skin	M	46							1			1	1					3	6	6	4	7	9	7			1		52
	F	39													1		2	2	1	2	4	4	11	8	2	2			
53. Cancer of other or unspecified organs	M	192	1				1	1	1	9	6	1	7	10	9	14	17	28	20	23	20	10	12	1		1			53
	F	278				1	2	2	5		1	1	7	13	12	15	26	41	30	33	33	32	17	1	6				
53A. Of the eye and orbit	M	2																1					1						53A
	F	6					1											1	1	1	2								
53C. Of the glandular system	M	41	1								1		2	1	1	1	5	4	11	6	3	3	2						53C
	F	37							1					2	2	4	3	5	8	3	3	2	4						
53D. Of the female urinary organs	F	91				1	1							2	5	2	9	8	5	18	14	18	6	1	1				53D
53E. Of the bones and joints	M	47							1	6	2		1	2	4	2	1	3	3	11	5	2	4						53
	F	39							2		1	1	1	1	2	2	3	10	6	4	2	3	1						
53F. Of the brain	M	42					1			2	1	1	2	4	1	4	9	7	4	2	4								53F
	F	36						2	2				5	4	2	4	3	7	3	1	1	2							
53G. Of the spine and spinal cord	M	11											1			1		4	2		1	2							53G
	F	10												1			1	2	3	1	1	1							
53H. Of the neck	M	8													1			1			2	2	1	1					53H
	F	2																			1				1				
53I. Of the abdomen	M	12						1		1				2		3		3			1		1						53I
	F	34												2	1	3	3	8	1	2	5	5	1		3				
53J. Of other specified organs	M	18									2		1	1		2	1	3		2	2	1	2			1			53J
	F	13											1				1		1	1	2	1	5		1				
53K. Multiple cancer	M	10													2	1	1	2		1	2		1						53K
	F	8															3		1	2	2								
53M. Of unspecified or unknown location	M	1																		1									53M
	F	2												1					1										
54. Non-malignant tumours	M	94			1		1		2	3	2		3	3	4	6	5	2	9	13	9	9	15	5	2				54
	F	136				1		1	1	1	2	5	5	13	11	16	17	9	14	11	13	6	8	1	1				
54A. Of the ovary	F	34									2	1	3	5	2	3	4		3	4	3	1	2		1				54A

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1940—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
54B. Of the uterus	F	32											1	5	5	7	5	3		2	2	1	1						54B
54D. Of the brain	M	24					1		2	2	2		3	2	3	4	2		2	1									54D
	F	12				1			1	1		2			2	2	2		1										
54E. Of the thyroid gland	M	4																	3	1									54E
	F	40										1		2	1	2	5	4	9	3	7	3	3						
54F. Of the prostate gland	M	51																2	2	10	9	8	13	5	2				54F
54G. Of other or unspecifed sites	M	15			1					1				1	1	2	3		2	1		1	2						54G
	F	18						1				1	1	1	1	2	1	2	1	2	1	1	2	1					
55. Tumours, nature not specified	M	23						1			2	1	1	2		3	2	2	1		1	5	2						55
	F	27		1						1				1	1	1	4	5	2	1	2	1	3	2	2				
55B. Of the uterus	F	1																					1						55B
55D. Of the brain	M	17						1			2	1	1	2		2	2	2	1		1	2							55D
	F	12		1						1					1	1	3	3	1	1									
55G. Of other or unspecified sites	M	6														1						3	2						55G
	F	14												1			1	2	1		2	1	2	2	2				
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES																													
Total		1,206	56	9		4	4	17	37	26	28	23	17	22	27	54	72	106	141	174	158	135	69	22	4	1			
	M	468	33	4		3	2	12	17	12	18	13	5	9	6	16	31	43	41	66	46	54	28	8	1				
	F	738	23	5		1	2	5	20	14	10	10	12	13	21	38	41	63	100	108	112	81	41	14	3	1			
56. Acute rheumatic fever	M	114				2	1	10	15	10	12	9	3	6	1	3	7	14	7	8	5	1							56
	F	97		1		1	2	5	15	7	6	3	7	5	8	10	8	6	2	3	3	1	2	2					
57. Chronic rheumatism, osteo-arthritis	M	12														1		1	3	2	1	2	1	1					57
	F	21												1	2			1	2	2	5	4	2	1	1				
58. Gout	F	1																	1										58
59. Diabetes mellitus	M	261							2		3	3	2	2	4	7	18	23	25	51	37	50	27	7					59
	F	430							2	5	2	5	2	1	4	18	21	37	68	78	74	68	33	10	2				
61. Beriberi	F	1																			1								61
62. Pellagra	F	3													1				1	1									62
63. Rickets	M	5	4	1																									63
	F	4	2									1		1															
65. Diseases of the pituitary gland	M	2																1	1										65
66. Diseases of the thyroid and parathyroid glands	M	33	1	1		1		2		1	1			1		5	5	2	5	5	2				1				66
	F	147		3					2	2	2	1	2	5	5	8	11	18	26	21	29	6	4	1		1			
66A. Simple goitre	M	4												1			1		1						1				66A
	F	17													1			4	2	1	6	2				1			

66B. Exophthalmic goitre	M	23	....	....	....	....	....	1	....	1	1	....	....	....	....	4	4	1	4	5	2	....	....	....	....	....	....	....	66B
	F	121	....	....	....	....	....	....	2	2	2	1	2	5	4	8	11	13	22	18	23	4	4	....	....	....	....	....	
66C. Myxoedema, cretinism	M	2	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	66C
	F	5	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	1	....	....	....	....	....	....	....	....	
66D. Tetany	M	2	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	66D
	F	2	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
66E. Others under this title	M	2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	66E
	F	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	
67. Diseases of the thymus gland	M	30	27	2	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	67
	F	20	20	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
68. Diseases of the adrenals (Addison's disease)	M	6	....	....	....	....	....	....	....	1	1	1	....	....	....	....	1	1	....	....	1	....	....	....	....	....	....	....	68
	F	4	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	2	....	....	....	....	....	....	....	....	
69. Other general diseases	M	5	1	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	69
	F	10	....	1	....	....	....	....	1	....	....	....	1	....	1	1	1	1	....	1	....	2	....	....	....	....	....	....	
69A. Fatty or amyloid degeneration	M	3	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	69A
	F	6	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	1	....	2	....	....	....	....	....	....	
69C. Others under this title	M	2	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	69C
	F	4	....	1	....	....	....	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS																													
Total	..	534	5	7	4	5	2	15	11	16	20	6	22	17	16	18	24	37	49	52	77	69	44	14	4	....	....	....	
	M	253	2	4	1	3	....	8	5	10	10	4	9	9	8	7	12	16	22	24	35	36	19	8	1	....	....	....	
	F	281	3	3	3	2	2	7	6	6	10	2	13	8	8	11	12	21	27	28	42	33	25	6	3	....	....	....	
70. Haemorrhagic conditions	M	12	....	....	....	....	....	1	1	....	2	....	....	....	1	....	1	....	3	1	....	1	1	....	....	....	....	....	70
	F	14	....	2	1	....	....	....	1	1	3	....	....	1	....	1	1	2	....	....	....	....	1	....	....	....	....	....	
70A. Simple purpura	M	10	....	....	....	....	....	....	1	....	1	....	....	....	1	....	1	....	3	1	....	1	1	....	....	....	....	....	70A
	F	14	....	2	1	....	....	....	1	1	3	....	....	1	....	1	1	2	....	....	....	....	1	....	....	....	....	....	
70B. Haemophilia	M	2	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	70B
71. Anaemia	M	121	2	1	1	....	....	....	....	2	....	....	2	....	1	2	1	7	9	14	28	27	15	8	1	....	....	....	71
	F	165	2	....	....	....	1	2	....	....	1	1	5	3	3	2	3	11	16	22	32	30	22	6	3	....	....	....	
71A. Pernicious anaemia	M	108	....	....	1	....	....	....	....	2	....	....	2	....	....	2	1	7	9	13	27	25	12	6	1	....	....	....	71A
	F	154	1	....	....	....	1	1	....	....	1	1	5	3	3	2	2	10	15	21	31	30	18	6	3	....	....	....	
71B. Others under this title	M	13	2	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	2	3	2	....	....	....	....	71B
	F	11	1	....	....	....	....	1	....	....	....	....	....	....	....	....	1	1	1	1	1	....	4	....	....	....	....	....	
72. Leukaemia and aleukaemia	M	110	....	3	....	3	....	7	3	8	7	4	7	9	5	4	6	8	10	9	6	8	3	....	....	....	....	....	72
	F	80	1	....	1	2	1	5	4	3	6	1	7	3	4	4	5	5	9	6	8	3	2	....	....	....	....	....	
72A. Leukaemia	M	81	....	3	....	3	....	7	2	5	5	3	5	6	2	4	4	4	7	7	5	6	3	....	....	....	....	....	72A
	F	59	1	....	1	2	1	4	3	2	6	....	4	3	2	4	2	2	7	5	6	2	2	....	....	....	....	....	
72B. Aleukaemia (Hodgkin's disease)	M	29	....	....	....	....	....	....	1	3	2	1	2	3	3	....	2	4	3	2	1	2	....	....	....	....	....	....	72B
	F	21	....	....	....	....	....	1	1	1	....	1	3	....	2	....	3	3	2	1	2	1	....	....	....	....	....	....	
73. Diseases of the spleen	M	7	....	....	....	....	....	....	1	....	1	....	....	....	1	....	2	1	....	....	1	....	....	....	....	....	....	....	73
	F	13	....	....	1	....	....	....	1	1	....	....	....	1	1	3	1	2	1	....	1	....	....	....	....	....	....	....	
74. Other diseases of the blood and blood-forming organs	M	3	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	....	....	....	....	....	....	....	....	....	....	74
	F	9	....	1	....	....	....	....	....	1	....	....	1	....	....	1	2	1	1	....	1	....	....	....	....	....	....	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1910—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 over	Not stated	
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS																													
Total	..	50										1	3	6	9	8	5	4	6	2	3	2			1				
	M	45										1	2	6	8	6	5	4	6	2	3	1			1				
	F	5											1		1	2						1							
75. Alcoholism	M	42										1	2	5	8	6	4	4	6	2	3				1				75
	F	3													1	2													
75A. Delirium tremens	M	3											1		1					1									75A
75B. Other alcoholic intoxications	M	39										1	1	5	7	6	4	4	6	1	3				1				75B
	F	3													1	2													
76. Chronic poisoning, by other organic substances	M	3												1			1					1							76
	F	2											1									1							
76A. Chronic morphinism	M	1												1															76A
	F	1																				1							
76D. Other organic poisoning	M	2															1					1							76D
	F	1											1																
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE																													
Total	..	1,861	57	16	5	4	5	19	18	22	33	32	24	49	64	82	101	155	170	204	236	248	181	101	25	8	2		
	M	1,006	40	9	2	2	4	8	9	18	20	17	13	27	36	50	61	95	98	103	137	116	81	46	11	3			
	F	855	17	7	3	2	1	11	9	4	13	15	11	22	28	32	40	60	72	101	99	132	100	55	14	5	2		
78. Encephalitis (non-epidemic)	M	27	1		2		1	2	1	4	1	1	1		1	3	3	2	2				1		1				78
	F	9	1					1			1	1		1			2		1					1					
79. Simple meningtis	M	38	16	3			1	1	2	1	2	1		2	1	2	1	2		2	1								79
	F	32	5	4	1		1	3	2	1	2	2		2		1	1	3	1		1	1	1						
80. Progressive locomotor ataxia (tabes dorsalis)	M	18												1		2	1	1	2	4	6			1					80
	F	3											1			1			1										
81. Other diseases of the spinal cord	M	66		1						1		2	2	1	4	2	3	14	8	7	13	5	2	1					81
	F	48				1						2		1	2	2	4	1	4	9	9	6	6	1					
82. Cerebral haemorrhage, cerebral embolism and thrombosis	M	473							1	3	2	2	4	5	7	18	27	32	49	55	81	80	60	37	7	3			82
	F	428								1	2	1	2	4	8	10	17	35	41	55	60	79	58	40	10	4	1		
82A. Cerebral haemorrhage	M	356							1	2	2	2	4	3	5	13	22	26	38	40	63	62	41	24	6	2			82A
	F	343								1	1	1	1	4	7	10	13	25	38	42	55	58	44	32	7	3	1		

82B. Cerebral embolism and thrombosis	M	65	....	....	....	....	....	....	....	....	....	....	....	....	2	4	4	3	7	8	12	10	11	3	....	1	....	....	82B
	F	45	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	5	3	6	4	10	9	4	1	1	....	....	
82C. Softening of the brain	M	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	....	82C
	F	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	1	1	....	....	....	....	
82D. Hemiplegia and other paralysis, cause not specified	M	49	....	....	....	....	....	....	....	1	....	....	....	2	....	1	1	3	4	7	6	7	7	9	1	....	....	....	82D
	F	36	....	....	....	....	....	....	....	....	1	....	1	....	....	....	2	5	....	7	1	10	4	3	2	....	....	....	
83. General paralysis of the insane.	M	65	....	....	....	....	....	....	....	....	....	2	....	8	6	6	8	14	7	5	4	3	1	1	....	....	....	....	83
	F	13	....	....	....	....	....	....	....	....	....	....	....	1	1	3	1	....	1	2	....	2	2	....	....	....	....	....	
84. Dementia praecox and other psychoses	M	88	....	....	....	....	....	....	....	....	4	5	3	3	10	5	7	11	12	13	9	3	2	....	1	....	....	....	84
	F	97	....	....	....	....	....	....	....	....	1	4	2	9	6	6	9	13	8	12	7	8	7	3	2	....	....	....	
84A. Dementia praecox	M	79	....	....	....	....	....	....	....	....	4	5	3	2	9	5	7	10	11	11	8	3	....	....	1	....	....	....	84A
	F	77	....	....	....	....	....	....	....	....	1	4	2	8	6	4	7	10	5	8	6	7	6	2	1	....	....	....	
84B. Other psychoses	M	9	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	1	1	2	1	....	2	....	....	....	....	....	84B
	F	20	....	....	....	....	....	....	....	....	....	....	....	1	....	2	2	3	3	4	1	1	1	1	1	....	....	....	
85. Epilepsy	M	42	1	....	....	1	1	2	2	5	9	2	1	4	2	1	2	3	1	1	1	2	....	....	1	....	....	....	85
	F	33	2	1	1	....	....	....	....	1	5	2	3	2	3	5	....	1	1	2	1	....	2	....	....	1	....	....	
86. Convulsions (under 5 years of age)	M	14	11	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	86
	F	8	6	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
87. Other diseases of the nervous system	M	149	3	1	....	1	1	1	3	3	....	2	2	3	4	10	9	14	15	14	22	21	14	6	....	....	....	....	87
	F	154	....	....	....	....	....	2	3	....	2	2	2	2	7	3	5	5	14	19	20	35	21	9	2	....	1	....	
87A. Chorea	M	2	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	87A
	F	2	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
87B. Neuralgia and neuritis	M	5	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	1	....	....	1	....	....	....	....	....	87B
	F	15	....	....	....	....	....	....	....	....	1	....	2	....	1	....	....	....	....	2	....	4	3	2	....	....	....	....	
87C. Paralysis agitans	M	72	....	....	....	....	....	....	....	....	....	....	....	....	....	4	4	6	12	11	15	9	6	5	....	....	....	....	87C
	F	65	....	....	....	....	....	....	....	....	....	....	....	1	2	....	2	1	3	10	11	22	13	....	....	....	....	....	
87D. Sclerosis (other than of the spinal cord)	M	47	....	....	....	....	....	....	....	....	....	2	1	2	3	3	3	6	1	2	6	11	6	1	....	....	....	....	87D
	F	46	....	....	....	....	....	....	....	....	....	....	....	1	2	....	2	3	7	5	6	8	4	5	2	....	1	....	
87E. Others under this title	M	23	3	1	....	1	....	1	3	2	....	....	....	1	1	3	2	1	1	....	1	1	1	....	....	....	....	....	87E
	F	26	....	....	....	....	....	1	2	....	1	2	....	....	2	3	1	1	4	2	3	1	1	2	....	....	....	....	
88. Diseases of the organs of vision	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	88
	F	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	1	....	1	....	....	....	....	
89. Diseases of the ear and mastoid process	M	24	8	1	....	....	....	2	....	1	2	....	....	....	1	1	....	2	2	2	....	2	....	....	....	....	....	....	89
	F	26	3	1	1	....	....	5	4	1	....	1	1	....	1	1	1	1	....	2	....	....	3	....	....	....	....	....	
89A. Otiyis	M	15	6	1	....	....	....	1	....	1	....	....	....	....	....	1	....	1	1	2	....	1	....	....	....	....	....	....	89A
	F	16	3	1	1	....	....	4	2	....	....	1	....	....	1	....	1	1	....	....	....	....	1	....	....	....	....	....	
89B. Diseases of the mastoid process	M	9	2	....	....	....	....	1	....	....	2	....	....	....	1	....	....	1	1	....	....	1	....	....	....	....	....	....	89B
	F	10	....	....	....	....	....	1	2	1	....	....	1	....	....	1	....	....	....	2	....	....	2	....	....	....	....	....	
CLASS VII—DISEASES OF THE CIRCULATORY SYSTEM																													
Total	...	14497	....	2	....	4	2	13	12	31	39	57	81	139	237	404	704	992	1418	1759	2207	2521	2095	1224	424	110	17	5	
	M	7,941	....	1	....	4	1	9	5	15	22	31	47	79	156	252	461	653	911	1058	1194	1236	1016	553	182	46	7	2	
	F	6,556	....	1	....	....	1	4	7	16	17	26	34	60	81	152	243	339	507	701	1013	1285	1079	671	242	64	10	3	
90–95. Diseases of the heart	M	5,065	....	....	....	2	....	7	5	15	20	29	42	67	134	210	367	519	667	719	728	669	487	262	82	27	5	2	90–95
	F	3,481	....		..	....	1	4	7	15	16	24	31	43	52	107	146	216	316	422	515	645	487	300	106	21	5	1	
90. Pericarditis	M	9	....	....	....	1	....	....	....	....	1	....	1	....	1	1	....	1	....	1	1	1	....	....	....	....	....	....	90
	F	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1940—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																								
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
91. Acute endocarditis	M	55						4	3	4	6	10	3	4	8	5	1	1	4	2									91
	F	52						2	2	6	3	9	9	5	4	2	3	1	1		3			1	1				
91A. Endocarditis, specified as acute	M	44						4	1	4	4	9	2	2	5	5	1	1	4	2									91A
	F	43						2	1	4	3	9	5	5	2	2	3	1	1		3			1	1				
91B. Endocarditis, unspecified (under 45 years of age)	M	11							2		2	1	1	2	3														91B
	F	9							1	2			4		2														
92. Chronic endocarditis, valvular diseases	M	443						1		6	4	1	9	8	14	16	32	36	40	50	64	67	58	27	8	1	1		92
	F	479					1	1	4	3	7	8	12	8	14	22	24	29	36	49	52	69	87	37	12	3	1		
92A. Endocarditis specified as chronic and other valvular diseases	M	372						1		6	4	1	9	8	14	16	24	30	34	44	48	54	50	20	7	1	1		92A
	F	412					1	1	4	3	7	8	12	8	14	17	19	27	31	43	43	53	76	33	11	1			
92B. Endocarditis, unspecified, (45 years and over)	M	71															8	6	6	6	16	13	8	7	1				92B
	F	67														5	5	2	5	6	9	16	11	4	1	2	1		
93. Diseases of the myocardium	M	1,233				1		1	1	3	3	7	8	11	9	20	50	70	92	154	190	203	198	140	52	15	4	1	93
	F	1,257							1	2	5	4	2	9	12	22	35	48	72	126	166	257	234	179	68	12	3		
93A. Acute myocarditis	M	33								1		1	3	2	1	1	3	3	2	5	3	3	3	2					93A
	F	38								2	3	1			1	1	2	3	3	3	4	7	4	3	1				
93B. Myocarditis, unspecified (under 45 years of age	M	10				1		1		1	1	1	2	2	1														93B
	F	15									2	1	1	5	6														
93C. Chronic myocarditis and myocardial degeneration	M	772							1	1	2	5	3	7	7	14	35	46	66	98	116	130	125	79	27	8	1	1	93C
	F	769							1			2	1	4	5	14	19	28	46	84	105	159	152	103	36	8	2		
93D. Myocarditis, unspecified (45 years and over)	M	418														5	12	21	24	51	71	70	70	59	25	7	3		93D
	F	435														7	14	17	23	39	57	91	78	73	31	4	1		
94. Diseases of the coronary arteries and angina pectoris	M	3,159									4	8	19	39	98	162	271	404	512	492	452	375	213	80	18	11		1	94
	F	1,505								1		2	4	13	18	54	71	125	195	235	267	287	141	68	19	3	1	1	
94A. Diseases of the coronary arteries	M	136										1		3	2	15	11	17	28	16	20	12	7	2	1	1			94A
	F	75														5	3	7	9	13	10	11	6	6	3	1	1		
94B. Embolism and thrombosis of the coronary arteries	M	2,758									4	6	19	32	91	136	238	360	436	437	395	324	184	71	15	9		1	94B
	F	1,317								1		2	4	12	16	46	63	111	172	198	236	250	127	61	15	2		1	
94C. Angina pectoris	M	265										1		4	5	11	22	27	48	39	37	39	22	7	2	1			94C
	F	113												1	2	3	5	7	14	24	21	26	8	1	1				
95. Other diseases of the heart	M	166						1	1	2	2	3	2	5	4	6	13	7	19	20	21	23	18	15	4				95
	F	186		1				1		3	1	1	4	8	4	7	13	13	12	11	26	32	25	15	6	3			
95A. Functional diseases of the heart	M	29													1	2	2		3	2	5	8	3	2	1				95A
	F	51								1				2	2	1	4	4	3	5	10	8	5	5	1				

95B. Other and unspecified	M	137	....	....	....	....	....	1	1	2	2	3	2	5	3	4	11	7	16	18	16	15	15	13	3	....	....	....	95B
	F	135	....	1	....	....	....	1	....	2	1	1	4	6	2	6	9	9	9	6	16	24	20	10	5	3	....	..	
96. Aneurysm (except of the heart.	M	39	....	....	....	....	....	....	....	....	....	....	....	1	....	4	5	3	7	5	3	7	4	....	....	....	....	....	96
	F	22	....	....	....	....	....	....	....	....	1	1	1	....	1	1	1	2	....	2	3	3	3	2	1	....	....	....	
97. Arteriosclerosis (of coronary arteries excepted)	M	2,292	....	....	....	....	....	....	....	....	....	....	1	2	6	19	46	84	166	257	391	477	469	265	92	15	2	....	97
	F	2,355	....	....	....	....	....	....	....	....	....	....	....	2	7	13	37	62	116	178	382	528	508	346	128	42	4	2	
98. Gangrene	M	73	....	....	....	....	....	1	....	....	....	1	....	....	1	....	1	....	5	7	9	18	20	7	3	....	....	....	98
	F	33	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	5	4	5	9	4	3	....	....	....	
99. Other diseases of the arteries	M	29	....	....	....	....	....	1	....	....	....	....	3	1	....	2	3	3	1	1	3	4	5	1	1	....	....	....	99
	F	21	....	....	....	....	....	....	....	....	....	1	....	1	....	1	2	1	6	2	3	1	1	2	....	....	....	....	
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	M	29	....	....	....	1	....	....	....	....	....	1	....	1	1	1	3	2	5	5	6	....	1	1	1	....	....	....	100
	F	38	....	....	....	....	....	....	....	....	....	....	....	1	1	1	4	3	3	3	5	9	5	1	1	....	1	....	
101. Diseases of the lymphatic system (lymphangitis, etc.)	M	4	....	1	....	....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	101
	F	2	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	
102. Idiopathic abnormalities of blood pressure	M	408	....	....	....	....	....	....	....	....	1	....	1	7	13	15	36	42	60	64	54	61	30	17	3	4	....	....	102
	F	603	....	....	....	....	....	....	....	1	....	....	1	13	20	29	52	54	64	89	101	93	66	16	3	1	....	....	
103. Other diseases of the circulatory system	M	2	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	103
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
CLASS VIII—DISEASES OF THE RESPIRATORY SYSTEM																													
Total	...	2540	377	93	29	12	5	28	18	27	30	32	31	41	46	80	105	107	172	204	286	307	268	163	66	11	2	....	
	M	1362	203	48	15	9	....	13	10	18	23	16	13	24	32	56	69	76	96	106	154	146	139	67	22	6	1	....	
	F	1178	174	45	14	3	5	15	8	9	7	16	18	17	14	24	36	31	76	98	132	161	129	96	44	5	1	....	
104. Diseases of the nasal fossae and annexa	M	12	4	2	....	....	....	....	....	1	....	2	....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	104
	F	7	1	....	....	....	....	....	....	....	....	....	1	1	1	....	1	....	1	1	....	....	....	....	....	....	....	....	
105. Diseases of the larynx	M	11	2	2	2	1	....	1	1	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	105
	F	6	1	....	2	....	1	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	
105A. Croup	M	2	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	105A
	F	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
105B. Other diseases of the larynx.	M	9	2	1	2	1	....	....	1	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	105B
	F	5	1	....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	
106. Bronchitis	M	57	8	6	....	....	....	1	1	....	1	2	....	1	....	3	1	3	4	4	6	1	9	4	1	1	....	....	106
	F	46	8	1	....	....	....	1	....	1	....	1	1	....	2	1	....	1	....	3	3	9	8	5	....	1	....	...	
106A. Acute	M	17	6	5	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	4	1	....	....	....	....	106A
	F	13	8	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	....	....	
106B. Chronic	M	28	....	....	....	....	....	....	....	....	1	2	....	1	....	3	1	3	4	4	3	....	3	3	....	....	....	....	106B
	F	23	....	....	....	....	....	....	....	1	....	....	1	....	2	1	....	1	....	3	3	5	3	2	....	1	..		
106C. Unspecified	M	12	2	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	3	1	2	....	1	1	....		106C
	F	10	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	4	3	2	....	....	....	....	
107. Bronchopneumonia	M	560	123	20	7	5	....	3	4	6	6	5	2	4	5	13	13	15	37	40	63	70	68	38	8	4	1	....	107
	F	580	124	23	5	2	3	9	3	3	3	3	7	6	6	6	10	6	26	41	69	83	63	50	27	2	....	....	
107A. Bronchopneumonia	M	559	122	20	7	5	....	3	4	6	6	5	2	4	5	13	13	15	37	40	63	70	68	38	8	4	1	....	107A
	F	578	123	23	5	2	3	9	3	3	3	3	7	6	6	6	10	6	26	41	68	83	63	50	27	2	....	....	
107B. Capillary bronchitis	M	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	F	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	
108. Lobar pneumonia	M	366	23	6	1	1	....	5	....	8	7	4	5	8	16	20	27	27	30	35	43	49	34	12	4	1	....	....	108
	F	241	16	9	5	1	1	....	3	2	3	7	6	4	4	6	12	9	16	28	30	33	27	16	3	....	....	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1940—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																										
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
109. Pneumonia, unspecified	M	119	34	9	3	2	....	....	3	1	2	1	4	1	3	1	3	5	5	6	10	9	9	5	3	....	....		109
	F	111	20	8	1	....	....	1	1	1	....	....	1	....	....	3	3	4	4	7	11	12	17	9	7	....	1		
110. Pleurisy	M	34	....	....	1	....	....	3	1	1	1	1	1	2	3	5	1	5	1	3	3	2	....	....	....	....	....	....	110
	F	18	2	1	....	....	....	1	....	....	1	3	....	....	....	....	1	1	4	....	1	3	....	....	....	....	....	....	
111. Congestion and haemorrhagic infarct of the lung, etc.	M	52	2	....	1	....	....	....	....	....	....	....	1	2	....	3	3	1	3	3	5	3	13	7	5	....	....	....	111
	F	55	....	....	....	....	....	1	....	....	....	....	....	1	....	....	1	2	6	2	8	3	7	16	6	2	....	....	
111A. Pulmonary embolism and thrombosis	M	11	....	....	....	....	....	....	....	....	....	....	....	2	....	2	3	1	1	1	1	....	....	....	....	....	....	....	111A
	F	4	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	....	....	....	....	1	....	....	....	....	
111B. Others under this title	M	41	2	....	1	....	....	....	....	....	....	....	1	....	....	1	....	....	2	2	4	3	13	7	5	....	....	....	111B
	F	51	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	2	5	2	8	3	7	15	6	2	....	....	
112. Asthma	M	109	5	2	....	....	....	....	....	1	2	1	....	2	4	5	15	15	6	13	20	10	6	1	1	....	....	....	112
	F	100	....	1	....	....	....	2	1	1	....	1	1	4	1	6	8	7	17	16	9	18	6	....	1	....	....	....	
113. Pulmonary emphysema	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	113
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	
114. Other diseases of the respiratory system (tuberculosis excepted)	M	40	2	1	....	....	....	....	....	....	4	....	....	4	....	5	6	3	9	2	2	2	....	....	....	....	....	....	114
	F	13	2	2	1	....	....	....	....	....	....	1	1	1	....	2	....	1	1	....	1	....	....	....	....	....	....	....	
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	M	12	....	....	....	....	....	....	....	....	1	....	....	....	....	1	3	1	4	1	1	....	....	....	....	....	....	....	114A
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	
114C. Others under this title	M	28	2	1	....	....	....	....	....	....	3	....	....	4	....	4	3	2	5	1	1	2	....	....	....	....	....	....	114C
	F	12	2	2	1	....	....	....	....	....	....	1	1	1	....	2	....	1	1	....	....	....	....	....	....	....	....	....	
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																													
Total		1957	163	35	17	15	7	37	34	43	36	40	52	84	93	97	153	176	151	206	174	134	128	59	20	3	....	....	
	M	1113	99	24	10	6	7	15	20	29	20	24	28	59	64	57	94	110	93	116	92	65	51	23	7	....	....	....	
	F	844	64	11	7	9	....	22	14	14	16	16	24	25	29	40	59	66	58	90	82	69	77	36	13	3	....	....	
115. Diseases of the buccal cavity and annexa, and of the pharnyx and tonsils (including adenoid vegetations)	M	75		2	1	2	1	3	4	4	5	1	1	9	6	3	7	7	1	6	6	2	3	1	....	....	....	....	115
	F	77	3	1	2	. .		8	3	4	1	6	1	1	4	3	6	6	1	2	2	8	8	4	2	1	....	....	

115A. Diseases of the buccal cavity and annexa	M	29	....	....	....	....	1	....	....	....	1	....	....	4	2	3	2	1	1	3	6	2	2	1	....	....	....	....	115A
	F	29	1	....	....	....	....	1	....	2	....	1	1	....	2	1	3	1	1	1	1	3	6	2	1	1	....	....	
115B. Diseases of the tonsils	M	17	....	....	1	....	....	....	2	2	2	....	....	3	3	....	2	2	....	....	....	....	....	....	....	....	....	....	115B
	F	15	....	....	....	....	....	4	2	1	....	1	....	....	1	....	1	1	....	1	1	1	....	1	....	....	....	....	
115C. Others under this title	M	29	....	2	....	2	....	3	2	2	2	1	1	2	1	....	3	4	....	3	....	....	1	....	....	....	....	....	115C
	F	33	2	1	2	....	....	3	1	1	1	4	....	1	1	2	2	4	....	....	....	4	2	1	1	....	....	....	
116. Diseases of the oesophagus	F	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	....	1	....	....	....	....	116
117. Ulcer of the stomach or duodenum	M	266	....	....	....	....	....	....	1	....	....	6	5	18	20	21	36	36	33	36	24	17	10	2	1	....	....	....	117
	F	59	1	....	....	....	....	....	....	....	....	1	2	1	2	3	6	5	7	9	8	2	7	4	1	....	....	....	
117A. Ulcer of the stomach	M	116	....	....	....	....	....	....	1	....	....	2	3	9	10	6	13	20	10	15	8	11	6	2	....	....	....	....	117A
	F	41	....	....	....	....	....	....	....	....	....	....	2	1	2	2	4	2	5	4	6	2	6	4	1	....	....	....	
117B. Ulcer of the duodenum	M	150	....	....	....	....	....	....	....	....	....	4	2	9	10	15	23	16	23	21	16	6	4	....	1	....	....	....	117B
	F	18	1	....	....	....	....	....	....	....	....	1	....	....	....	1	2	3	2	5	2	....	1	....	....	....	....	....	
118. Other diseases of the stomach	M	12	4	....	....	....	....	....	....	....	....	....	....	1	1	1	1	....	2	....	1	....	....	....	1	....	....	....	118
	F	15	1	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	2	3	2	2	3	....	....	....	....	....	
119. Diarrhoea and enteritis (under 2 years of age)	M	93	80	13	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	119
	F	56	50	6	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
120. Diarrhoea and enteritis (2 years and over)	M	45	....	....	6	1	3	2	2	....	1	....	1	4	4	1	....	4	2	2	3	4	2	3	....	....	....	....	120
	F	63	....	....	1	2	....	3	2	....	3	....	1	5	....	3	2	4	3	4	5	5	11	5	3	1	....	....	
120A. Diarrhoea and enteritis	M	26	....	....	6	1	3	2	1	....	1	....	....	....	1	....	....	1	1	1	1	3	2	2	....	....	....	....	120A
	F	42	....	....	1	2	....	2	1	....	1	....	1	1	....	3	1	1	3	1	3	3	9	5	3	1	....	....	
120B. Ulceration of the intestines	M	19	....	....	....	....	....	....	1	....	....	....	1	4	3	1	....	3	1	1	2	1	....	1	....	....	....	....	120B
	F	21	....	....	....	....	....	1	1	....	2	....	....	4	....	....	1	3	....	3	2	2	2	....	....	....	....	....	
121. Appendicitis	M	183	1	1	2	3	3	9	13	17	11	14	10	13	12	8	17	12	12	10	7	5	3	....	....	....	....	....	121
	F	93	....	3	2	4	....	6	7	9	8	4	6	5	5	2	11	3	2	8	2	4	1	1	....	....	....	....	
122. Hernia, intestinal obstruction	M	179	12	4	1	....	....	....	....	4	2	2	4	5	6	10	13	14	14	23	20	18	14	9	4	....	....	....	122
	F	160	9	....	1	2	....	2	1	....	3	1	4	4	6	11	10	12	9	16	23	14	22	6	3	1	....	....	
122A. Hernia	M	92	3	2	....	....	....	....	....	....	....	1	1	4	2	7	5	8	8	13	14	9	7	6	2	....	....	....	122A
	F	61	1	....	1	....	....	....	....	....	1	....	....	2	3	4	4	8	2	9	11	2	7	3	2	1	....	....	
122B. Intestinal obstruction	M	87	9	2	1	....	....	....	....	4	2	1	3	1	4	3	8	6	6	10	6	9	7	3	2	....	....	....	122B
	F	99	8	....	....	2	....	2	1	....	2	1	4	2	3	7	6	4	7	7	12	12	15	3	1	....	....	....	
123. Other diseases of the intestines	M	27	....	....	....	....	....	....	....	2	....	....	1	3	1	3	1	1	1	1	4	3	5	1	....	....	....	....	123
	F	20	....	....	....	....	....	1	....	....	....	....	....	1	2	....	1	1	1	3	2	3	4	1	....	....	....	....	
124. Cirrhosis of the liver	M	96	....	....	....	....	....	1	....	1	....	....	1	3	7	9	11	17	11	11	10	7	5	2	....	....	....	....	124
	F	58	....	....	....	....	....	1	....	....	....	1	....	2	1	4	8	6	6	10	6	8	3	2	....	....	....	....	
124A. Specified as alcoholic	M	6	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	2	1	....	1	....	....	....	....	....	....	....	124A
124B. Not specified as alcoholic	M	90	....	....	....	....	....	1	....	1	....	....	1	2	6	9	11	15	10	11	9	7	5	2	....	....	....	....	124B
	F	58	....	....	....	....	....	1	....	....	....	1	....	2	1	4	8	6	6	10	6	8	3	2	....	....	....	....	
125. Other diseases of the liver	M	16	1	3	....	....	....	....	....	....	....	....	....	1	1	....	....	4	1	2	2	1	....	....	....	....	....	....	125
	F	....	....	....	....	....	....	1	1	....	1	3	1	....	....	1	1	3	2	3	1	1	1	....	....	....	....	....	
125A. Yellow atrophy of the liver	M	3	....	2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	125A
	F	3	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
126B. Other diseases of the liver	M	13	1	1	....	....	....	....	....	....	....	....	....	....	1	....	....	4	1	2	2	1	....	....	....	....	....	....	125B
	F	17	....	....	....	....	....	....	1	....	....	1	3	....	....	....	....	1	3	2	3	1	1	1	....	....	....	....	
126. Biliary calculi	M	44	....	....	....	....	....	....	....	....	1	....	1	....	3	1	4	5	2	10	7	2	5	3	....	....	....	....	126
	F	101	....	....	....	....	....	....	....	....	1	1	3	2	5	5	6	15	12	17	14	7	7	4	2	....	....	....	
127. Other diseases of the gall-bladder and biliary passages	M	56	1	....	....	....	....	....	....	....	....	....	1	....	1	....	4	7	10	14	7	4	4	2	1	....	....	....	127
	F	99	....	....	....	....	....	....	....	....	....	1	2	2	2	6	6	11	11	14	14	12	9	7	2	....	....	....	
128. Diseases of the pancreas	M	10	....	....	....	....	....	....	....	1	....	....	2	1	1	....	....	1	3	....	....	1	....	....	....	....	....	....	128
	F	6	....	....	....	....	....	....	....	....	....	....	2	....	....	....	1	2	....	....	....	....	1	....	....	....	....	....	
129. Peritonitis, cause not specified	M	11	....	1	....	....	....	....	....	....	....	1	1	1	1	....	....	2	1	1	1	1	....	....	....	....	....	....	129
	F	13	....	1	1	1	....	....	....	....	....	....	....	1	2	2	1	....	....	2	....	2	....	....	....	....	....	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1940—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM																													
Total	.	2819	15	4	3	1	3	10	11	17	16	24	34	45	80	83	156	159	229	318	406	487	389	243	75	10	1	....	
	M	1692	7	4	3	1	2	4	4	7	5	10	15	23	32	41	81	87	139	204	259	309	240	157	50	7	1	....	
	F	1127	8	....	....	....	1	6	7	10	11	14	19	22	48	42	75	72	90	114	147	178	149	86	25	3	....	..	
130. Acute nephritis (including unspecified, under 10 years of age)	M	37	6	1	2	....	2	2	1	2	....	1	....	3	2	1	1	2	....	5	4	....	2	....	....	....	....	....	130
	F	26	3	....	....	....	....	1	2	3	1	2	2	2	....	1	1	2	....	....	2	1	2	1	....	....	....	....	
131. Chronic nephritis	M	733	....	....	....	1	....	....	....	3	4	7	12	14	15	28	50	51	80	96	106	111	80	61	13	....	1	....	131
	F	675	....	....	....	....	....	2	2	6	2	2	5	8	31	21	38	49	52	68	96	122	103	50	16	2	....	....	
132. Nephritis, unspecified (10 years and over	M	260	....	....	....	....	....	....	2	1	....	1	2	3	7	8	13	16	17	28	38	55	38	18	13	....	....	...	132
	F	227	....	....	....	....	....	1	1	....	2	5	....	3	4	8	11	13	18	29	34	40	26	24	7	1	....	....	
133. Other diseases of the kidneys and ureters	M	61	....	2	1	....	....	....	1	1	1	1	....	1	2	3	7	2	4	7	10	7	6	3	1	1	....	....	133
	F	75	5	....	....	....	....	2	2	....	....	1	....	3	2	3	8	3	8	9	6	7	9	6	1	....	....	..	
134. Calculi of the urinary passages	M	41	....	1	....	....	....	1	....	....	....	....	....	1	4	1	3	4	4	3	7	5	6	....	1	....	....	....	134
	F	30	....	....	....	....	1	....	....	....	....	2	2	1	2	....	6	2	3	3	2	4	1	....	1	....	....	....	
135. Diseases of the bladder (tumours excepted)	M	48	....	....	....	....	....	1	....	....	....	....	....	....	1	....	2	4	3	5	8	6	10	5	2	1	....	....	135
	F	25	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	....	4	3	1	3	6	5	....	....	....		
136. Diseases of the urethra, urinary abscess, etc.	M	22	....	....	....	....	....	....	....	....	....	....	1	1	....	....	2	2	3	1	4	2	4	2	....	....	....	....	136
	F	3	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	1	....	....	....	....	..	
136A. Stricture of the urethra	M	14	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	2	1	....	3	2	3	1	....	....	....		136A
	F	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	
136B. Others under this title	M	8	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	2	1	1	....	1	1	....	....	....	....	136B
	F	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	
137. Diseases of the prostate	M	486	....	....	....	....	....	....	....	....	....	....	....	....	1	....	3	6	28	58	80	123	94	68	20	5	....	....	137
138. Diseases of the male genital organs (not specified as venereal)	M	4	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....	....	....	....	....	....		138
139. Diseases of the female genital organs (not specified as venereal)	F	66	....	....	....	....	....	....	....	1	6	2	10	5	8	6	11	2	5	2	6	1	1	....	....	....	....	....	139
139A. Of the ovary, Fallopian tube and parametrium	F	30	....	....	....	....	....	....	....	....	4	2	6	3	3	4	4	1	2	....	1	....	....	....	....	....	....	.	139A
139B. Of the uterus	F	31	....	....	....	....	....	....	....	....	1	....	4	2	5	2	6	1	2	2	4	1	1	....	....	....	....	....	139B
139C. Of the breast	F	2	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	.	139C
139D. Others under this title	F	3	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	139D

CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE																													
Total	...	254	...	...	...	...	...	...	...	21	31	58	62	53	24	4	1	...	...	...	...	...	...	...	...	...	...	...	
140. Abortion with septic conditions	F	33	...	...	...	...	...	...	...	4	1	11	8	6	3	...	...	...	...	...	...	...	...	...	...	...	...	...	140
140A. Abortion	F	18	...	...	...	...	...	...	...	2	...	8	5	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	140A
140B. Self-induced abortion	F	15	...	...	...	...	...	...	...	2	1	3	3	4	2	...	...	...	...	...	...	...	...	...	...	...	...	...	140B
141. Abortion without mention of septic conditions	F	10	...	...	...	...	...	...	...	...	1	2	3	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	141
141A. Abortion	F	8	...	...	...	...	...	...	...	...	1	2	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	141A
141B. Self-induced abortion	F	2	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	141B
142. Ectopic gestation	F	9	...	...	...	...	...	...	...	...	1	1	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	142
142A. With septic conditions	F	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	142A
142B. Without mention of septic conditions	F	8	...	...	...	...	...	...	...	...	1	1	2	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	142B
143. Other accidents of pregnancy (haemorrhage excluded)	F	3	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	143
144. Puerperal haemorrhage	F	25	...	...	...	...	...	...	...	1	3	3	7	8	2	...	1	...	...	...	...	...	...	...	...	...	...	...	144
144A. Placenta praevia	F	11	...	...	...	...	...	...	...	...	1	1	3	5	...	...	1	...	...	...	...	...	...	...	...	...	...	...	144A
144B. Other haemorrhages	F	14	...	...	...	...	...	...	...	1	2	2	4	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	144B
145. Puerperal septicaemia (not specified as due to abortion)	F	35	...	...	...	...	...	...	...	6	5	9	10	1	3	1	...	...	...	...	...	...	...	...	...	...	...	...	145
145A. Puerperal septicaemia and pyaemia	F	35	...	...	...	...	...	...	...	6	5	9	10	1	3	1	...	...	...	...	...	...	...	...	...	...	...	...	145A
146. Puerperal albuminuria and eclampsia	F	56	...	...	...	...	...	...	...	4	12	15	9	12	4	...	...	...	...	...	...	...	...	...	...	...	...	...	146
147. Other toxaemias of pregnancy	F	15	...	...	...	...	...	...	...	5	1	4	2	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	147
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	F	47	...	...	...	...	...	...	...	...	5	10	14	9	7	2	...	...	...	...	...	...	...	...	...	...	...	...	148
148A. Phlegmasia alba dolens and thrombosis	F	6	...	...	...	...	...	...	...	...	...	...	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	148A
148B. Embolism	F	22	...	...	...	...	...	...	...	...	3	7	5	4	1	2	...	...	...	...	...	...	...	...	...	...	...	...	148B
148C. Sudden death	F	19	...	...	...	...	...	...	...	...	2	3	6	5	3	...	...	...	...	...	...	...	...	...	...	...	...	...	148C
149. Other accidents of childbirth	F	19	...	...	...	...	...	...	...	1	2	1	6	6	3	...	...	...	...	...	...	...	...	...	...	...	...	...	149
149A. Caesarean operation	F	6	...	...	...	...	...	...	...	...	...	...	3	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	149A
149B. Other surgical operations and instrumental delivery	F	2	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	149C
149C. Dystocia	F	3	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	149B
149D. Rupture of uterus in parturition	F	3	...	...	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	149D
149E. Others under this title	F	5	...	...	...	...	...	...	...	...	...	1	1	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	149E
150. Other or unspecified condition of the puerperal state	F	2	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	150
150B. Others under this title	F	2	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	150B
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE																													
Total		49	7	...	...	...	...	...	1	1	1	5	...	1	2	1	5	...	2	4	2	4	6	4	3	...	...	...	
	M	25	4	...	...	...	...	...	1	...	1	3	...	...	2	...	1	...	2	4	...	...	3	3	1	...	...	...	
	F	24	3	...	...	...	...	...	...	1	...	2	...	1	...	1	4	...	...	...	2	4	3	1	2	...	...	...	
151. Carbuncle	M	8	1	...	...	...	...	...	...	...	1	1	...	...	1	...	...	...	...	2	...	...	1	1	...	...	...	...	151
	F	3	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1940—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																										
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
152. Cellulitis, acute abscess	M	12	1	....	....	....	....	....	1	....	....	2	....	....	1	....	1	....	2	2	....	....	2	....	....	....	....	....	152
	F	7	1	....	....	....	....	....	....	1	....	2	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	
153. Other diseases of the skin and annexa and of the cellular tissue	M	5	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	....	153
	F	14	1	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	1	4	3	1	2	....	....	....	
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION																													
Total	...	82	....	3	....	3	....	3	4	5	2	5	3	2	2	3	3	9	5	5	10	5	5	2	2	1	....	....	
	M	57	....	....	....	2	....	3	2	4	1	5	2	2	2	2	....	8	3	4	9	3	4	1	....	....	....	....	
	F	25	....	3	....	1	....	....	2	1	1	....	1	....	....	1	3	1	2	1	1	2	1	1	2	1	....	....	
154. Osteomyelitis	M	33	....	....	....	2	....	3	1	3	1	4	1	1	1	1	....	5	....	3	3	2	2	....	....	....	....	....	154
	F	10	....	1	....	1	....	....	2	....	....	....	....	....	....	....	2	....	1	1	....	1	....	....	....	1	....	....	
155. Other diseases of the bones (tuberculosis excepted)	M	10	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	2	....	4	1	....	1	....	....	....	....	155
	F	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	2	....	....	....	
156. Diseases of the joints and other organs of locomotion	M	14	....	....	....	....	....	....	1	1	....	....	1	1	....	1	....	3	1	1	2	....	2	....	....	....	....	....	156
	F	10	....	2	....	....	....	....	....	1	1	....	1	....	....	1	1	1	1	....	....	....	1	....	....	....	....	....	
156A. Of the joints (tuberculosis and rheumatism excepted)	M	8	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	1	1	2	....	2	....	....	....	....	....	156A
	F	6	....	1	....	....	....	....	....	....	....	....	1	....	....	1	....	1	1	....	....	....	1	....	....	....	....	....	
156B. Of other organs of locomotion	M	6	....	....	....	....	....	....	1	1	....	....	1	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	156B
	F	4	....	1	....	....	....	....	....	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
CLASS XIV.—CONGENITAL MALFORMATIONS																													
Total	...	538	460	14	6	3	3	10	7	7	10	4	2	3	2	2	2	....	3	....	....	....	....	....	....	....	....	....	
	M	291	247	9	3	1	1	5	2	5	9	3	....	....	1	2	....	....	3	....	....	....	....	....	....	....	....	....	
	F	247	213	5	3	2	2	5	5	2	1	1	2	3	1	....	2	....	....	....	....	....	....	....	....	....	....	....	
157. Congenital malformations (stillbirths excluded)	M	291	247	9	3	1	1	5	2	5	9	3	....	....	1	2	....	....	3	....	....	....	....	....	....	....	....	....	157
	F	247	213	5	3	2	2	5	5	2	1	1	2	3	1	....	2	....	....	....	....	....	....	....	....	....	....	....	
157A. Congenital hydrocephalus	M	37	25	2	2	1	1	1	1	1	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	157A
	F	20	15	1	....	....	1	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	

157B. Spina bifida dnd meningocele	M	72	67	1	1	....	....	....	....	2	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157B
	F	98	93	1	2	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
157C. Congenital malformations of the heart	M	104	85	4	....	....	....	3	1	1	6	....	....	....	1	1	....	....	2	....	....	....	....	....	....	....	....	....	157C
	F	73	55	2	1	1	1	2	3	1	1	....	1	3	....	....	2	....	....	....	....	....	....	....	....	....	....	....	
157D. Monstrosities	M	7	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157D
	F	7	7	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
157E. Others under this title	M	71	63	2	....	....	....	1	....	1	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	157E
	F	49	43	1	....	1	....	1	....	....	....	1	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	
CLASS XV.—DISEASES OF EARLY INFANCY																													
Total	...	1529	1529	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	M	901	901	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	F	628	628	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
158. Congenital debility	M	45	45	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	158
	F	30	30	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
159. Premature birth	M	550	550	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	159
	F	402	402	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
160. Injury at birth	M	161	161	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	160
	F	95	95	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
160A. With mention of caesarean operation	M	4	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	160A
	F	4	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
160B. Without mention of caesarean operation	M	157	157	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	160B
	F	91	91	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161. Other diseases peculiar to early infancy (under 3 months)	M	145	145	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161
	F	101	101	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161A. Atelectasis	M	59	59	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161A
	F	40	40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161B. Icterus of the new-born	M	21	21	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161B
	F	11	11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161C. Sclerema and oedema	M	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161C
	F	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161D. Athrepsia	M	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
	F	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161D-
161E. Others, including lack of care	M	56	56	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161E
	F	45	45	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
161F. No cause given, no doctor in attendance	M	5	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	161F
	F	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
CLASS XVI.—SENILITY																													
Total	...	339	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	21	35	101	94	69	15	3	1	
	M	141	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	13	17	41	41	24	2	2	1	
	F	198	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	18	60	53	45	13	1	....	
162. Senility	M	141	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	13	17	41	41	24	2	2	1	162
	F	198	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	8	18	60	53	45	13	1	....	

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1940—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
162A. With senile dementia (70 years and over)	M	17	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	4	4	4	1	....	....	1	162A
	F	31	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	5	11	4	6	....	....	....	
162B. Without senile dementia (70 years and over)	M	124	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10	13	37	37	23	2	2	....	162B
	F	167	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	13	49	49	39	13	1	....	
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																													
Total	...	2926	95	37	34	39	39	113	92	162	169	145	154	188	123	135	153	189	161	157	156	179	199	129	54	15	2	7	
	M	1995	53	25	14	26	26	87	72	135	135	118	134	148	97	112	127	147	113	105	89	80	76	45	22	2	2	5	
	F	931	42	12	20	13	13	26	20	27	34	27	20	40	26	23	26	42	48	52	67	99	123	84	32	13	....	2	
163-171. Suicides	M	243	....	....	....	....	....	....	....	2	12	16	19	29	21	25	30	33	22	14	11	4	3	1	....	....	....	1	163-171
	F	97	....	....	....	....	....	....	....	2	9	13	6	12	10	7	11	10	7	5	1	1	2	1	....	....	....	....	
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	M	25	....	....	....	....	....	....	....	....	....	1	3	4	2	3	5	1	3	1	2	....	....	....	....	....	....	....	163
	F	17	....	....	....	....	....	....	....	....	5	3	....	3	4	....	2	....	....	....	....	....	....	....	....	....	....	....	
164. Suicide by poisonous gas	M	22	....	....	....	....	....	....	....	....	1	3	3	4	1	2	3	2	1	1	....	1	....	....	....	....	....	....	164
	F	20	....	....	....	....	....	....	....	....	3	3	1	3	1	3	2	3	....	1	....	....	....	....	....	....	....	....	
165. Suicide by hanging or strangulation	M	73	....	....	....	....	....	....	....	1	....	4	1	7	7	8	14	13	9	5	1	1	1	....	....	....	....	1	165
	F	18	....	....	....	....	....	....	....	....	....	1	3	2	1	2	2	3	1	1	....	....	1	1	....	....	....	....	
166. Suicide by drowning	M	21	....	....	....	....	....	....	....	....	....	1	....	2	1	2	3	6	2	....	2	....	2	....	....	....	....	....	166
	F	22	....	....	....	....	....	....	....	1	1	1	1	2	3	1	2	3	3	3	1	....	....	....	....	....	....	....	
167. Suicide by firearms	M	70	....	....	....	....	....	....	....	1	7	7	7	8	9	8	5	5	3	4	4	1	....	1	....	....	....	....	167
	F	11	....	....	....	....	....	....	....	....	....	4	1	2	1	....	2	....	1	....	....	....	....	....	....	....	....	....	
168. Suicide by cutting or piercing instruments	M	17	....	....	....	....	....	....	....	....	2	....	1	3	....	2	....	4	2	3	....	....	....	....	....	....	....	....	168
	F	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
169. Suicide by jumping from high places	M	10	....	....	....	....	....	....	....	....	1	....	3	....	1	....	....	2	1	....	1	1	....	....	....	....	....	....	169
	F	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	1	1	....	....	....	....	....	
170. Suicide by crushing	M	3	....	....	....	....	....	....	....	....	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	170
	F	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	
171. Suicide by other means	M	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	171
	F	3	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	....	....	....	....	....	....	....	....	
173-175. Homicides	M	36	2	2	....	....	....	3	1	2	1	1	6	4	3	1	4	1	1	1	2	1	....	....	....	....	....	....	173-175
	F	19	2	....	....	....	....	1	1	2	4	1	1	2	2	....	....	....	....	....	2	....	1	....	....	....	....	....	
173. Homicide by firearms	M	15	....	....	....	....	....	1	1	2	....	1	1	3	1	....	2	1	....	....	1	1	....	....	....	....	....	....	173
	F	7	....	....	....	....	....	....	1	....	1	....	1	....	2	....	....	....	....	....	1	....	1	....	....	....	....	....	

174. Homicide by cutting or piercing instruments	M	3											1				1			1									174
175. Homicide by other means	M	18	2	2				2			1		4	1	2	1	1		1		1								175
	F	12	2					1		2	3	1		2							1								
176–198. Other violent deaths	M	1716	51	23	14	26	26	84	71	131	122	101	109	115	73	86	93	113	90	90	76	75	73	44	22	2	2	4	176–198
	F	815	40	12	20	13	13	25	19	23	21	13	13	26	14	16	15	32	41	47	64	98	120	83	32	13		2	
176. Attack by venomous animals	F	1	1																										176
177. Food poisoning	M	1															1												177
	F	3			1							1		1															
178. Accidental absorption of toxic gases	M	27		1			1		2	3		1	4	3		2		1	1	4		4							178
	F	5										1	1						1			2							
179. Other acute accidental poisonings (except by gas)	M	3	2	1																									179
	F	12	1	1	3	1		1					2		1	1				1									
180. Conflagration	M	53	3	3	1	7	4	2		1	2	4		4	3	1	4	3	3	2	2	2	2						180
	F	26	2	2	3	1	1	4	2		1	4		1	1	1	2	1											
181. Accidental burns (conflagration excepted)	M	46	2	2	4	3	3	2	2	4	3	3	2	1	1	1	2	2	5	1	1		1	1					181
	F	29	2	2	2	3	1	3	1	1		1		1	2			1	1	1	5	1		1					
182. Accidental mechanical suffocation	M	53	40	2					2		1	2	1			1	1		1	2									182
	F	31	26	2	1					1												1							
183. Accidental drowning	M	236		4	3	5	8	33	26	35	23	16	15	13	9	11	5	12	7	5	3	1	2						183
	F	40		2	1	3		2	5	6	6	1	1	3	2	2	2		1		1	1	1						
184. Accidental injury by firearms.	M	35						2	5	7	5	4	2	4	1	2		2			1								184
185. Accidental injury by cutting or piercing instruments	M	17				1		2	1	4	1	2	2		1	1				2									185
	F	3								1	1							1											
186. Accidental injury by fall, crushing or landslide	M	1104	3	9	5	7	10	40	29	68	86	60	74	73	53	62	64	81	68	63	62	56	63	41	21	2	2	2	186
	F	603	3	3	7	4	11	15	11	14	11	5	7	19	8	12	10	26	35	42	49	83	108	77	29	13		1	
188. Injuries by animals	M	25				3			1	2			2	1		1		6	2	3	2	1	1						188
189. Hunger or thirst	M	3																		2		1							189
190. Excessive cold	M	11												1			4		1	1		3		1					190
	F	2																	1			1							
191. Excessive heat	M	9															1			1	2	1	2	1	1				191
	F	18	1										1						1	3	3	2	6		1				
192. Lightning	M	3								1						1				1									192
	F	3	1			1					1																		
193. Accidents due to electric currents	M	24		1				1	1	3	1	4	4	6			2	1											193
194. Other accidents	M	47	1		1			2	2	3		4	3	6	4	1	4	3	1	3	2	4	2					1	194
	F	34	3		2								1					3			6	7	5	5	2				
194A. Foreign body	M	2	1		1																								194A
	F	5	2		2								1																
194B. Others under this title	M	45						2	2	3		4	3	6	4	1	4	3	1	3	2	4	2					1	194B
	F	29	1															3			6	7	5	5	2				
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown	M	16										1		1		2	5	2	1		1	2						1	195
	F	5									1			1			1		1									1	
196. Wounds of war	M	1												1															196
198. Capital punishment	M	2												1	1														198

TABLE 37—CAUSES OF DEATH BY SEX AND AGE IN THE PROVINCE OF ONTARIO, 1940—Continued

CAUSES OF DEATH	Sex	Total	AGES—YEARS																									
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 and over	Not stated	
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH																													
Total	...	63	11	2	2	1	1	....	1	2	1	1	1	2	4	1	4	3	7	6	5	3	2	2	1	....	....	...	
	M	40	6	....	....	1	1	....	1	2	1	....	1	1	3	1	2	2	5	4	3	3	2	1	....	....	....	....	
	F	23	5	2	2	....	....	....	....	....	....	1	....	1	1	....	2	1	2	2	2	....	....	1	1	....	....	....	
199. Sudden death	M	19	2	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	5	....	3	3	2	1	....	....	....	....	199
	F	11	3	....	....	....	....	....	....	....	....	....	....	....	1	....	1	1	1	....	2	....	....	1	1	....	....	....	
200. Cause of death not specified or ill-defined	M	21	4	....	....	1	1	....	1	1	1	....	1	1	3	1	1	1	....	4	....	....	....	....	....	....	....	....	200
	F	12	2	2	2	....	....	....	....	....	....	1	....	1	....	....	1	....	1	2	....	....	....	....	....	....	....	....	

SPECIAL CLASSES OF ACCIDENTAL DEATHS

(Included also under the numbers of the International List above)

ONTARIO, 1940

A. Accidents in mines and quarries.	M	41	....	....	....	....	....	....	....	1	5	5	14	9	3	3	....	....	....	....	....	....	....	....	....	....	....	1	A
B. Accidents caused by machines..	M	55	....	1	....	....	....	....	2	6	4	2	3	6	5	9	7	4	1	4	1	....	....	....	....	....	....	....	B
C. Railway accidents	M	81	....	....	2	....	....	1	2	6	6	4	4	6	5	11	11	8	12	....	....	2	....	....	1	....	....	....	C
	F	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
D. Street-car accidents	M	7	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	1	1	....	1	1	....	....	....	.	D
	F	9	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	2	1	1	1	1	....	....	....	..	
E. Automobile and motorcycle accidents	M	567	3	7	3	5	8	37	20	43	54	41	43	42	32	24	33	47	29	28	34	20	10	3	....	....	....	1	E
	F	189	2	2	5	3	9	13	11	13	9	5	6	18	7	11	4	16	15	11	10	8	11	....	....	....	....	....	
F. Other land transportation.....	M	22	....	....	....	....	....	1	3	3	....	1	1	....	2	1	....	3	1	1	2	1	2	....	....	....	....	....	F
	F	3	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	
G. Water transportation	M	65	....	1	....	1	1	3	2	9	10	6	10	6	4	4	2	2	2	2	....	....	....	....	....	....	....	....	G
	F	5	....	....	....	....	....	....	....	2	....	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
H. Air transportation..........	M	49	....	....	....	....	....	....	....	7	18	10	7	4	2	1	....	....	....	....	....	....	....	....	....	....	....	....	H
	F	2	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
DEATHS—ALL CAUSES														
Total	..	**38503**	**4210**	**870**	**939**	**1406**	**2579**	**2**	**159**	**2147**	**6659**	**8215**	**4**	**11193**
	M	20923	2405	611	631	923	1242	2	37	1040	4039	5545	2	4340
	F	17580	1805	259	308	483	1337	....	122	1107	2620	2670	2	6853
CLASS I.—INFECTIOUS AND PARASITIC DISEASES														
Total	...	2132	408	158	183	88	88	....	32	277	347	199	....	346
	M	1173	205	91	109	72	44	....	3	128	233	139	....	143
	F	959	203	67	74	16	44	....	29	149	114	60	....	203
1. Typhoid fever	M	14	....	3	2	....	1	....	....	4	....	2	....	2
	F	12	2	3	1	....	....	....	....	2	2	....	....	2
2. Paratyphoid fever	M	1	....	....	1	....	....	....	....	....	....	....	....	....
	F	....	....	....	....	....	....	....	....	....	....	....	....	....
5. Undulant fever	M	1	....	....	....	....	....	....	....	1	....	....	....	....
	F	2	....	....	1	....	....	....	....	....	1	....	....	....
7. Measles	M	13	10	1	....	....	....	....	....	1	....	1	....	....
	F	18	15	....	....	....	....	....	....	1	2	....	....	....
8. Scarlet fever	M	22	12	4	3	....	....	....	....	....	2	1	....	....
	F	9	6	....	....	....	....	....	....	2	....	1	....	....
9. Whooping-cough	M	29	29	....	....	....	....	....	....	....	....	....	....	....
	F	40	40	....	....	....	....	....	....	....	....	....	....	....
10. Diptheria	M	6	6	....	....	....	....	....	....	....	....	....	....	....
	F	8	8	....	....	....	....	....	....	....	....	....	....	....
11. Influenza	M	309	68	7	10	10	23	....	....	12	38	64	....	75
	F	302	53	4	5	4	30	....	....	14	25	40	....	127
11A. Sole cause	M	19	6	....	1	....	....	....	....	....	1	1	....	10
	F	20	5	....	....	....	1	....	....	1	1	3	....	9
11B. With bronchitis	M	17	1	1	....	....	3	....	....	1	1	6	....	4
	F	18	....	....	1	....	....	....	....	....	2	2	....	13
11C. With pneumonia	M	145	36	3	4	6	12	....	....	5	21	26	....	31
	F	121	25	....	3	1	15	....	....	7	5	18	....	47
11D. With other diseases of the respiratory system	M	17	1	....	1	1	1	....	....	1	2	6	....	4
	F	19	1	....	....	....	1	....	....	....	3	2	....	12
11E. With intestinal complications	M	15	3	1	....	....	1	....	....	....	1	7	....	2
	F	26	9	1	....	....	....	....	....	....	2	3	....	11
11F. With other causes	M	96	21	2	4	3	6	....	....	5	12	18	....	24
	F	98	13	3	1	3	13	....	....	6	12	12	....	35
13. Dysentery	M	11	7	....	....	....	....	....	....	....	....	2	....	2
	F	10	6	....	....	....	....	....	....	....	....	....	....	4
15. Erysipelas	M	11	....	....	....	....	....	....	....	3	....	2	....	6
	F	17	3	....	3	1	1	....	....	2	3	....	....	4
16. Poliomyelitis and polioencephalitis	M	9	4	3	....	....	....	....	....	....	1	1	....	....
	F	5	1	2	....	....	....	....	....	2	....	....	....	....
17. Lethargic or epidemic encephalitis	M	10	....	....	....	1	....	....	....	....	6	1	....	2
	F	7	....	....	....	....	....	....	....	1	3	....	....	3
18. Epidemic cerebrospinal meningitis	M	19	8	2	2	2	....	....	....	1	3	1	....	....
	F	11	4	4	....	....	....	....	....	1	1	....	....	1
22. Tetanus	M	7	4	....	1	....	....	....	....	....	1	....	....	1
	F	4	2	....	1	....	1	....	....	....	....	....	....	....
23-32. Tuberculosis	M	570	37	66	82	44	12	....	3	94	143	49	....	38
	F	441	41	54	58	10	12	....	28	109	63	18	....	48
23. Tuberculosis of the respiratory system	M	495	13	55	72	41	12	....	1	86	128	48	....	37
	F	351	18	45	51	5	10	....	25	92	49	15	....	41
24. Tuberculosis of the meninges and central nervous system	M	29	19	1	2	....	....	....	2	3	2	....	....	....
	F	30	16	5	....	1	1	....	1	5	1	....	....	....
25. Tuberculosis of the intestines and peritoneum	M	13	1	5	1	....	....	....	....	2	3	....	....	1
	F	25	3	2	2	1	1	....	2	6	6	1	....	1
26. Tuberculosis of the vertebral column	M	9	....	....	3	2	....	....	....	1	3	....	....	....
	F	8	....	....	2	....	....	....	....	1	2	....	....	3
27. Tuberculosis of the bones and joints (vertebral column excepted)	M	5	..	1	....	....	....	....	....	....	4	....	....	....
	F	4	....	....	2	2	....	....	....	....	....	....	....	....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
120	**28548**	**6739**	**952**	**2131**	**133**	**3612**	**3157**	**3262**	**3203**	**3267**	**2981**	**3184**	**2862**	**2842**	**3209**	**3294**	**3630**	
106	15142	3755	486	1426	114	1930	1635	1767	1769	1756	1666	1729	1586	1560	1706	1830	1989	
14	13406	2984	466	705	19	1682	1522	1495	1434	1511	1315	1455	1276	1282	1503	1464	1641	
6	1648	269	39	173	3	212	217	167	172	181	158	134	164	128	154	155	290	
6	847	169	22	133	2	115	114	101	98	99	95	80	89	68	75	86	153	
....	801	100	17	40	1	97	103	66	74	82	63	54	75	60	79	69	137	
....	10	2	1	1	....	....	....	....	....	....	2	2	2	3	3	2	....	1
....	10	....	1	1	....	....	1	....	....	3	1	....	1	2	4	....	....	
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	2
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	5
....	2	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	
....	13	....	....	....	....	....	....	1	3	3	1	2	1	....	1	1	....	7
....	18	....	....	....	....	4	2	2	2	1	1	1	1	....	2	2	....	
....	21	....	1	....	....	3	4	2	2	1	3	1	2	1	....	1	2	8
....	7	1	....	1	....	1	2	1	1	1	....	....	1	....	1	1	....	
....	29	....	....	....	....	2	2	5	1	3	....	1	....	2	4	4	5	9
....	40	....	....	....	....	5	6	2	....	4	2	....	6	4	4	3	4	
....	6	....	....	....	....	....	....	....	1	....	1	....	....	1	2	1	....	10
....	8	....	....	....	....	1	1	1	....	1	....	2	....	1	1	....	....	
2	245	49	5	9	1	40	37	26	27	30	9	10	12	9	13	17	79	11
....	259	33	3	7	....	47	39	29	23	19	8	9	6	6	13	29	74	
....	16	3	....	....	....	6	2	....	2	1	1	....	1	....	1	....	5	11A
....	19	1	....	....	....	4	1	3	1	....	....	....	....	....	....	2	9	
....	15	1	....	....	1	2	3	2	1	1	....	....	2	....	....	....	6	11B
....	14	2	....	2	....	2	2	2	2	4	....	....	....	....	1	3	2	
1	111	30	....	4	....	18	13	13	15	16	3	5	4	3	6	9	40	11C
....	104	13	2	2	....	17	16	9	6	6	3	2	2	1	7	16	36	
....	12	3	1	1	....	1	4	1	2	2	1	....	....	1	1	1	3	11D
....	15	4	....	....	....	4	1	5	2	2	1	....	....	1	....	....	3	
....	15	....	....	....	....	3	....	2	2	....	....	3	2	1	1	....	1	11E
....	24	1	....	1	....	2	2	....	4	2	1	2	2	2	....	4	5	
1	76	12	4	4	....	10	15	8	5	10	4	2	3	4	4	7	24	11F
....	83	12	1	2	....	18	17	10	8	5	3	5	2	2	5	4	19	
....	10	....	1	....	....	....	1	1	1	....	1	1	1	2	1	2	....	13
....	10	....	....	....	....	2	....	....	....	1	1	1	3	....	1	1	....	
....	9	2	....	....	....	4	1	....	4	2	....	....	....	....	....	....	....	15
....	13	3	....	1	....	3	3	....	2	3	1	....	1	1	....	1	2	
....	9	....	....	....	....	....	....	....	....	....	....	4	....	....	3	....	2	16
....	5	....	....	....	....	1	....	....	....	....	1	1	....	1	1	....	....	
....	7	2	....	1	....	2	1	1	3	....	....	....	....	....	1	1	1	17
....	6	....	....	1	....	1	1	1	1	1	....	....	....	....	1	....	1	
....	18	1	....	....	....	2	....	....	1	1	1	....	1	2	1	5	5	18
....	9	1	1	....	....	....	2	....	1	2	1	....	....	1	1	1	2	
....	6	1	....	....	....	1	1	....	....	....	....	....	4	....	1	....	....	22
....	4	....	....	....	....	....	....	....	....	1	1	2	....	....	....	....	....	
2	366	92	12	99	1	52	55	52	42	49	69	43	52	42	35	32	47	23–32
....	356	47	10	27	1	27	38	25	38	40	41	34	51	33	42	25	47	
2	302	89	11	92	1	44	50	46	40	42	57	41	41	36	32	29	37	23
....	284	36	8	22	1	24	27	23	30	31	34	27	37	27	33	23	35	
....	28	....	....	1	....	3	1	3	2	1	5	....	7	1	3	....	3	24
....	29	....	....	1	....	1	4	1	4	2	3	2	4	3	3	....	3	
....	10	2	....	1	....	1	2	1	....	2	1	1	1	1	....	....	3	25
....	18	6	....	1	....	....	3	1	3	....	2	2	6	....	3	2	3	
....	8	....	....	1	....	....	....	....	....	2	4	1	....	1	....	1	....	26
....	7	....	....	1	....	1	....	....	....	1	2	1	1	2	....	....	....	
..	4	....	....	1	....	1	....	....	....	....	1	....	....	....	....	....	3	27
...	3	1	....	....	....	....	2	....	....	1	....	....	....	....	....	....	1	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
27A. of the bones	M	1	....	....	....	....	....	....	....	....	1	....	....	....
	F	2	....	....	1	1	....	....	....	....	....	....	....	....
27B. Of the joints	M	4	....	1	....	....	....	....	....	....	3	....	....	....
	F	2	....	....	1	1	....	....	....	....	....	....	....	....
28. Tuberculosis of the skin and sub-cutaneous cellular tissues	F	1	....	....	....	....	....	....	....	....	....	1	....	....
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	F	5	....	....	....	....	....	....	....	....	3	....	....	2
30. Tuberculosis of the genito-urinary system	M	8	....	2	1	1	....	....	....	1	2	1	....	....
	F	10	....	1	1	1	....	....	....	3	2	1	....	1
31. Tuberculosis of other organs	M	2	1	....	....	....	....	....	....	....	1	....	....	....
32. Disseminated tuberculosis	M	9	3	2	3	....	....	....	....	1	....	....	....	....
	F	7	4	1	....	....	....	....	....	2	....	....	....	....
32A. Acute	M	1	....	1	....	....	....	....	....	....	....	....	....	....
	F	2	2	....	....	....	....	....	....	....	....	....	....	....
32C. Not specified	M	8	3	1	3	....	....	....	....	1	....	....	....	....
	F	5	2	1	....	....	....	....	....	2	....	....	....	....
34. Syphilis	M	101	10	1	5	12	7	....	....	7	32	11	....	14
	F	49	12	....	1	1	....	....	1	11	13	1	....	9
35. Gonococcus infection and other venereal diseases	M	3	....	1	....	....	1	....	....	....	1	....	....	....
36. Purulent infection, septicaemia (non-puerperal)	M	19	4	1	3	1	....	....	....	3	3	2	....	2
	F	9	2	....	1	....	....	....	....	2	1	....	....	3
38. Malaria	M	1	....	....	....	....	....	....	....	1	....	....	....	....
39. Other diseases due to protozoal parasites	M	1	....	....	....	....	....	....	....	....	....	1	....	....
41. Hydatid cysts	F	1	1	....	....	....	....	....	....	....	....	....	....	....
41A. Of the liver	F	1	1	....	....	....	....	....	....	....	....	....	....	....
42. Other diseases caused by helminths	M	1	1	....	....	....	....	....	....	....	....	....	....	....
	F	1	....	....	....	....	....	....	....	....	....	....	....	1
43. Mycoses	M	8	1	1	....	2	....	....	....	....	2	1	....	1
	F	1	....	....	....	....	....	....	....	....	....	....	....	1
44. Other infectious or parasitic diseases	M	7	4	1	....	....	....	....	....	1	1	....	....	....
	F	12	7	....	3	....	....	....	....	2	....	....	....	....
44A. Chicken-pox	M	3	2	....	....	....	....	....	....	....	1	....	....	....
	F	4	3	....	....	....	....	....	....	1	....	....	....	....
44C. Others under this title	M	4	2	1	....	....	....	....	....	1	....	....	....	....
	F	8	4	....	3	....	....	....	....	1	....	....	....	....
CLASS II.—CANCER and OTHER TUMOURS														
Total	...	5127	32	42	100	269	298	1	2	305	1422	1223	....	1424
	M	2420	15	34	46	126	132	1	....	86	666	803	....	502
	F	2707	17	8	54	143	166	....	2	219	756	420	....	922
45-53. Cancer and other malignant tumours	M	2303	10	27	38	118	128	1	....	80	647	772	....	474
	F	2544	13	5	48	133	159	....	1	189	703	409	....	884
45. Cancer of the buccal cavity and pharynx	M	152	1	....	3	4	18	....	....	1	25	55	....	43
	F	23	....	....	....	1	3	....	....	1	9	1	....	8
46. Cancer of the digestive tract and peritoneum	M	1280	2	4	20	76	74	....	....	41	358	434	....	267
	F	1108	1	1	12	44	79	....	....	58	237	226	....	450
46A. Of the oesophagus	M	73	....	....	....	6	8	....	....	2	19	26	....	12
	F	41	....	....	....	2	2	....	....	2	13	12	....	10
46B. Of the stomach and duodenum	M	513	....	1	9	34	27	....	....	12	156	163	....	110
	F	341	....	1	3	8	25	....	....	21	68	72	....	143
46C. Of the rectum	M	166	....	1	2	7	9	....	....	10	39	63	....	35
	F	107	....	....	....	8	8	....	....	6	27	24	....	34
46D. Of the liver and biliary ducts	M	90	1	....	1	4	7	....	....	2	20	38	....	[illegible]
	F	155	....	....	1	5	9	....	....	8	35	38	....	[illegible]
46E. Of the pancreas	M	93	....	1	....	2	3	....	....	1	32	30	....	[illegible]
	F	73	1	....	1	2	5	....	....	6	7	15	....	[illegible]

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	27A
....	2	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	
....	4	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	3	27B
....	1	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	
....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	28
....	3	1	....	1	....	....	....	....	....	2	....	1	....	....	....	....	2	29
....	6	....	....	2	....	....	1	1	....	2	....	....	2	1	....	1	....	30
....	5	2	2	1	....	1	1	....	1	2	....	....	1	1	1	....	2	
....	2	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	31
....	6	1	1	1	....	3	1	1	....	....	1	....	1	1	....	1	....	32
....	7	....	....	....	....	....	....	....	....	1	....	1	2	....	2	....	1	
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	32A
....	2	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	
....	5	1	1	1	....	2	1	1	....	....	1	....	1	1	....	1	....	32C
....	5	....	....	....	....	....	....	....	....	1	....	....	2	....	2	....	....	
2	67	15	2	17	....	6	10	11	10	6	6	11	9	3	8	13	8	34
....	32	14	2	1	....	2	4	4	4	3	3	3	3	8	4	5	6	
....	1	....	....	2	....	....	....	....	1	2	....	....	....	....	....	....	....	35
....	14	3	....	2	....	....	1	1	1	....	2	3	3	1	2	3	2	36
....	8	1	....	....	....	....	2	....	1	2	1	....	....	1	2	....	....	
....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	38
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	39
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	41
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	41A
....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	42
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	
....	6	1	....	1	....	....	....	....	....	1	....	1	2	....	....	3	1	43
....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	
....	6	....	....	1	....	2	1	....	....	1	....	....	....	1	....	1	1	44
....	12	....	....	....	....	3	1	1	1	....	1	1	1	1	1	....	1	
....	3	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	1	44A
....	4	....	....	....	....	1	1	....	1	....	....	....	....	....	....	....	1	
....	3	....	....	1	....	1	1	....	....	....	....	....	....	1	....	1	....	44C
....	8	....	....	....	....	2	....	1	....	....	1	1	1	1	1	....	....	
9	3405	1203	145	357	17	463	399	403	449	443	398	429	440	415	441	410	437	
9	1525	614	54	213	14	223	200	197	205	201	182	205	205	209	205	199	189	
....	1880	589	91	144	3	240	199	206	244	242	216	224	235	206	236	211	248	
8	1443	592	51	205	12	208	189	182	192	195	173	198	198	205	192	190	181	45–53
....	1760	560	89	132	3	223	189	193	226	231	203	214	217	194	223	195	236	
2	111	30	4	6	1	17	12	13	15	5	9	11	13	15	14	19	9	45
....	18	4	....	1	....	1	1	2	2	....	2	2	4	4	1	3	1	
4	798	330	28	117	7	119	100	106	105	117	97	100	107	116	113	96	104	46
....	755	250	39	63	1	105	79	84	99	91	87	82	99	83	111	83	105	
....	41	25	3	4	....	7	2	4	6	8	1	8	11	10	7	6	3	46A
....	24	15	1	1	....	2	1	1	6	4	5	4	6	2	5	1	4	
1	303	133	9	63	5	45	54	45	44	42	40	34	42	40	44	36	47	46B
....	213	87	13	27	1	33	21	22	27	28	28	31	27	22	44	26	32	
....	102	50	4	9	1	15	15	15	10	16	14	8	14	17	10	17	15	46C
....	75	23	3	6	....	6	12	9	10	12	8	3	11	8	8	8	12	
1	59	23	....	8	....	7	3	9	7	9	7	8	8	10	10	9	3	46D
....	115	24	6	10	....	15	11	11	17	9	10	10	11	16	14	17	14	
1	55	25	4	8	1	9	2	6	6	9	8	11	7	9	5	10	11	46E
....	48	17	4	4	....	9	6	7	7	5	7	3	10	6	5	1	7	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
46F. of the peritoneum	M	9	1	....	1	1	....	....	....	1	2	1	....	2
	F	7	....	....	....	1	1	....	....	....	....	....	....	5
46G. Of other organs	M	336	....	1	7	22	20	....	....	13	90	113	....	69
	F	384	....	....	7	18	29	....	....	15	87	65	....	163
47. Cancer of the respiratory organs	M	198	....	3	3	19	9	....	....	12	87	33	....	31
	F	65	2	1	1	6	5	....	....	7	21	7	....	15
47A. Of the larynx	M	32	....	....	....	3	3	....	....	....	7	11	....	8
	F	4	....	....	1	....	....	....	....	....	1	....	....	2
47B. Of the lung	M	115	....	2	2	10	4	....	....	8	57	13	....	18
	F	44	1	1	....	3	4	....	....	6	15	5	....	9
47C. Of the mediastinum	M	10	....	1	....	....	2	....	....	1	1	3	....	2
	F	7	....	....	....	2	....	....	....	1	2	1	....	1
47D. Of other organs of the respiratory system	M	41	....	....	1	6	....	....	....	3	22	6	....	3
	F	10	1	....	....	1	1	....	....	....	3	1	....	3
48. Cancer of the uterus	F	367	....	....	6	16	9	....	....	48	127	56	....	105
48A. Of the uterus	F	192	....	....	2	11	4	....	....	15	62	36	....	62
48B. Of the cervix uteri	F	175	....	....	4	5	5	....	....	33	65	20	....	43
49. Cancer of other female genital organs	F	146	....	3	5	12	10	....	....	8	53	14	....	41
50. Cancer of the breast	M	15	....	....	1	1	....	....	....	....	4	6	....	3
	F	518	....	....	18	39	30	....	....	40	177	63	....	151
51. Cancer of the male genito-urinary organs	M	420	2	5	1	5	21	1	....	8	106	181	....	89
51A. Of the bladder	M	129	....	....	1	2	7	....	....	4	45	53	....	17
51B. Of the kidney	M	33	2	....	....	....	....	....	....	3	11	7	....	10
51C. Of the prostate gland	M	236	....	....	....	1	14	1	....	....	42	118	....	59
51D. Of the testicles and annexa	M	15	....	5	....	2	....	....	....	1	4	2	....	1
51E. Of other male genito-urinary organs	M	7	....	....	....	....	....	....	....	....	4	1	....	2
52. Cancer of the skin	M	46	1	....	2	2	2	....	....	....	6	20	....	13
	F	39	....	....	....	2	7	....	....	1	2	4	....	23
53. Cancer of other or unspecified organs	M	192	4	15	8	11	4	....	....	18	61	43	....	28
	F	278	10	....	6	13	16	....	1	26	77	38	....	91
53A. Of the eye and orbit	M	2	....	....	....	....	....	....	....	....	1	1	....	....
	F	6	1	....	....	....	....	....	....	....	2	....	....	3
53C. Of the glandular system	M	41	1	1	1	4	....	....	....	3	14	9	....	8
	F	37	1	....	1	2	1	....	....	3	14	3	....	12
53D. Of the female urinary organs	F	91	2	....	....	3	7	....	....	7	15	18	....	39
53E. Of the bones and joints	M	47	1	8	2	....	2	....	....	4	9	13	....	8
	F	39	2	....	3	1	1	....	1	2	17	3	....	9
53F. Of the brain	M	42	1	3	2	2	....	....	....	6	19	5	....	4
	F	36	4	....	1	3	1	....	....	10	11	2	....	4
53G. Of the spine and spinal cord	M	11	....	....	1	2	....	....	....	....	5	2	....	1
	F	10	....	....	....	2	....	....	....	1	3	1	....	3
53H. Of the neck	M	8	....	....	....	....	....	....	....	1	1	4	....	2
	F	2	....	....	....	....	....	....	....	....	....	1	....	1
53I. Of the abdomen	M	12	1	1	....	....	....	....	....	2	5	2	....	1
	F	34	....	....	1	1	5	....	....	2	10	3	....	12
53J. Of other specified organs	M	18	....	2	2	3	2	....	....	....	3	4	....	2
	F	13	....	....	....	....	1	....	....	....	2	3	....	7
53K. Multiple cancer	M	10	....	....	....	....	....	....	....	2	4	2	....	2
	F	8	....	....	....	1	....	....	....	....	2	4	....	1
53M. Of unspecified or unknown location	M	1	....	....	....	....	....	....	....	....	....	1	....	....
	F	2	....	....	....	....	....	....	....	1	1	....	....	....
54. Non-malignant tumours	M	94	4	5	5	5	4	....	....	5	14	24	....	27
	F	136	3	2	6	10	6	....	1	28	42	10	....	28
54A. Of the ovary	F	34	....	1	....	2	....	....	1	11	8	4	....	7
54B. Of the uterus	F	32	....	....	2	2	3	....	....	9	11	2	....	3
54D. Of the brain	M	24	3	4	4	3	....	....	....	4	4	1	....	....
	F	12	2	1	1	1	....	....	....	3	3	....	....	1
54E. Of the thyroid gland	M	4	....	....	....	1	....	....	....	....	2	1	....	....
	F	40	....	....	2	2	2	....	....	2	18	2	....	12
54F. of the prostate gland	M	51	....	....	....	....	3	....	....	....	4	20	....	24
54G. Of other or unspecified sites	M	15	1	1	1	1	1	....	....	1	4	2	....	3
	F	18	1	....	1	3	1	....	....	3	2	2	....	5
55. Tumors, nature not specified	M	23	1	2	3	3	....	....	....	1	5	7	....	1
	F	27	1	1	....	....	1	....	....	2	11	1	....	10
55B. Of the uterus	F	1	....	....	....	....	....	....	....	....	....	....	....	1
55D. Of the brain	M	17	1	2	3	2	....	....	....	1	5	3	....	....
	F	12	1	1	....	....	....	....	....	1	8	1	....	....
55G. Of other or unspecified sites	M	6	....	....	....	1	....	....	....	....	....	4	....	1
	F	14	....	....	....	....	1	....	....	1	3	....	....	9

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	9	....	....	....	....	....	1	....	....	....	1	2	1	2	1	1	....	46F
....	6	1	....	....	....	....	....	....	....	2	....	1	3	....	1	....	....	
1	229	74	8	25	....	36	23	27	32	33	26	29	24	28	36	17	25	46G
....	274	83	12	15	....	40	28	34	32	31	29	30	31	29	34	30	36	
1	78	78	5	35	2	21	24	15	13	16	15	13	19	14	15	14	19	47
....	45	11	3	6	....	5	5	6	1	8	2	9	5	5	4	7	8	
....	17	12	....	2	1	3	4	3	3	2	4	2	1	2	3	2	3	47A
....	3	1	....	....	....	3	....	....	....	1	....	....	....	....	....	....	....	
1	45	42	3	24	1	16	11	10	6	7	6	9	15	8	9	8	10	47B
....	32	5	2	5	....	2	2	5	....	5	2	7	2	5	3	4	7	
....	6	2	1	1	....	....	2	1	....	3	....	1	1	....	....	1	1	47C
....	5	2	....	....	....	....	2	1	....	....	....	1	....	....	....	2	1	
....	10	22	1	8	....	2	7	1	4	4	5	1	2	4	3	3	5	47D
....	5	3	1	1	....	....	1	....	1	2	....	1	3	....	1	1		
....	261	77	12	17	....	35	31	18	40	39	29	24	35	28	30	29	29	48
....	142	39	5	6	....	17	20	7	21	21	17	17	19	14	11	12	16	48A
....	119	38	7	11	....	18	11	11	19	18	12	7	16	14	19	17	13	48B
....	105	26	5	10	....	12	10	13	16	14	13	16	10	12	9	11	10	49
....	9	4	....	1	1	1	1	1	....	3	....	2	....	1	2	3	1	50
....	361	118	22	16	1	39	43	52	41	48	44	44	37	36	37	40	57	
1	291	98	7	23	1	34	33	24	36	35	31	45	41	40	28	37	36	51
....	83	32	4	10	....	16	9	6	11	9	8	13	19	9	8	12	9	51A
....	17	14	....	2	....	3	3	....	5	4	7	1	3	3	4	....	....	51B
1	175	49	3	8	1	15	19	17	19	22	16	30	15	27	14	18	24	51C
....	11	1	....	3	....	....	1	1	1	....	....	....	2	1	1	6	2	51D
....	5	2	....	....	....	....	1	....	....	....	....	1	2	....	1	1	1	51E
....	32	10	3	1	....	1	4	3	7	2	5	5	5	3	5	5	1	52
....	26	9	1	3	....	5	3	3	4	....	2	3	5	5	....	4	5	
....	124	42	4	22	....	15	15	20	16	17	16	22	13	16	15	16	11	53
....	189	65	7	16	1	21	17	15	23	31	24	34	22	21	31	18	21	
....	....	2	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	53A
....	4	2	....	....	....	....	....	1	1	1	....	1	1	....	1	....	....	
....	26	12	....	3	....	3	5	6	2	3	3	4	4	5	3	1	2	53C
....	24	8	2	3	....	2	3	1	3	4	1	3	3	2	6	5	4	
....	69	17	4	1	...	5	5	7	6	10	7	11	11	8	9	5	7	53D
....	31	10	1	5	....	4	1	4	5	3	1	7	4	5	5	3	5	53E
....	25	8	....	6	...	5	4	2	3	5	4	2	2	1	3	3	5	
....	32	3	....	7	....	4	1	7	2	5	5	6	4	....	3	4	1	53F
....	25	7	....	4	...	....	....	1	5	5	6	6	3	3	4	2	1	
....	7	2	1	1	....	....	2	....	1	1	4	1	....	1	....	....	1	53G
....	7	2	1	....	....	1	1	....	1	2	....	3	....	....	1	1	....	
....	6	1	1	....	....	....	....	....	1	2	2	....	....	1	1	1	....	53H
....	1	1	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	
....	11	1	....	....	....	1	1	1	2	1	1	....	1	2	1	1	....	53I
....	19	13	....	2	....	4	1	2	4	3	3	5	....	5	5	....	2	
....	9	6	....	3	....	1	4	1	1	2	....	3	....	1	1	2	2	53J
....	10	3	....	....	....	4	3	....	....	....	....	1	1	....	1	2	1	
....	2	5	....	3	....	1	1	1	....	....	....	1	....	1	1	4	....	53K
....	4	4	....	....	....	....	....	1	....	1	2	2	....	1	1	....	....	
....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	53M
....	1	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	1	
1	66	16	3	7	2	11	10	12	12	4	6	6	6	4	10	6	7	54
....	100	23	2	11	....	14	6	12	16	9	12	10	15	9	9	13	11	
....	27	3	1	3	....	3	1	2	5	4	....	2	3	4	2	2	6	54A
....	22	8	....	2	....	2	3	3	3	2	3	3	6	4	....	3	....	54B
1	20	2	....	1	1	3	4	1	2	1	1	1	2	1	4	1	3	54D
....	8	2	....	2	....	4	....	1	1	....	1	2	1	....	1	1	....	
....	3	....	....	1	....	1	....	1	....	....	....	....	....	....	1	1	....	54E
....	30	8	1	1	....	4	1	4	6	2	4	2	4	1	4	4	4	
....	32	11	2	5	1	6	4	8	9	3	3	4	2	2	3	3	4	54F
....	11	3	1	....	....	1	2	2	1	....	2	1	2	1	2	1	....	54G
....	13	2	....	3	....	1	1	2	1	1	4	1	1	....	2	3	1	
....	16	6	....	1	....	4	1	3	1	2	3	1	1	....	3	3	1	55
....	20	6	....	1	....	3	4	1	2	2	1	....	3	3	4	3	1	
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	55B
....	11	5	....	1	....	3	....	1	1	1	3	1	1	....	3	2	1	55D
....	10	2	....	....	....	1	2	1	2	....	....	....	2	3	....	1	....	
....	5	1	....	....	....	1	1	2	....	1	....	....	....	....	....	1	....	55G
....	10	3	....	1	....	2	2	....	....	2	1	....	1	....	4	1	1	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
CLASS III.—RHEUMATIC DISEASES, DISEASES OF TOTAL NUTRITION AND OF THE ENDROCINE GLANDS AND OTHER GENERAL DISEASES.														
Total	..	1206	127	48	32	45	49	.....	6	52	261	273	.....	310
	M	468	71	28	13	22	25	.....	2	18	94	137	.....	56
	F	738	56	20	19	23	24	.....	4	34	167	136	.....	254
56. Acute rheumatic fever	M	114	28	20	8	7	1	.....	2	10	21	13	.....	4
	F	97	24	12	7	4	1	.....	1	15	19	4	.....	10
57. Chronic rheumatism, osteo-arthritis	M	12	..	.....	.....	2	2	.....	.....	.....	2	4	.....	2
	F	21	..	.....	.....	.....	3	.....	.....	3	3	2	.....	10
58. Gout	F	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
59. Diabetes mellitus	M	261	2	3	4	10	21	.....	.....	65	53	114	.....	46
	F	430	2	6	7	10	4	.....	1		98	104	.....	182
61. Beriberi	F	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
62. Pellagra	F	3	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	1
63. Rickets	M	5	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	4	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
65. Diseases of the pituitary gland	M	2	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
66. Diseases of the thyroid and parathyroid glands	M	33	5	2	.....	2	1	.....	.....	1	14	4	.....	4
	F	147	5	2	3	7	4	.....	2	9	44	25	.....	46
66A. Simple goitre	M	4	.....	.....	.....	1	1	.....	.....	1	1	.....	.....	..
	F	17	.....	.....	.....	1	3	.....	.....	1	3	4	.....	5
66B. Exophthalmic goitre	M	23	1	2	.....	1	.....	.....	.....	.....	11	4	.....	4
	F	121	2	2	3	4	1	.....	2	8	40	20	.....	39
66C. Myxoedema, cretinism.	M	2	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	5	1	.....	.....	2	.....	.....	.....	.....	1	.....	.....	1
66D. Tetany	M	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
66E. Others under this title	M	2	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	2	..	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
67. Diseases of the thymus gland	M	30	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	20	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
68. Diseases of the adrenals (Addison's disease).	M	6	..	2	1	.....	.....	.....	.....	.....	2	1	.....	.....
	F	4	1	.....	.....	1	.....	.....	.....	..	..	1	.....	1
69. Other general diseaes	M	5	1	1	.....	1	.....	.....	.....	1	..	1	.....	..
	F	10	2	.....	.....	.....	.....	.....	.....	2	2	..	.....	4
69A. Fatty or amyloid degeneration	M	3	..	1	.....	1	.....	.....	.....	.....	..	1	.....	..
	F	6	..	.....	.....	.....	.....	.....	.....	.....	2	..	.....	4
69C. Others under this title	M	2	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	4	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING OPGANS														
Total		534	49	33	13	22	40	.....	3	46	91	111	.....	125
	M	253	23	19	8	14	16	.....	1	21	41	63	.....	46
	F	281	26	14	5	8	24	.....	2	25	50	48	.....	79
70. Haemorrhagic conditions.	M	12	2	2	.....	1	.....	.....	.....	1	2	3	.....	1
	F	14	4	4	.....	.....	.....	.....	.....	1	3	..	.....	2
70A. Simple purpura	M	10	1	1	.....	1	.....	.....	.....	1	2	3	.....	1
	F	14	4	4	.....	.....	.....	.....	.....	1	3	.....	.....	2
70B. Haemophilia	M	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	...
71. Anaemia	M	121	4	2	2	3	14	.....	.....	1	15	45	.....	35
	F	165	5	1	2	1	22	.....	.....	10	22	36	.....	63
71A. Pernicious anaemia	M	108	1	2	2	3	11	.....	.....	..	15	42	.....	32
	F	154	3	1	2	4	22	.....	.....	10	19	35	.....	58
71B Others under this title	M	13	3	.....	.....	.....	3	.....	.....	1	..	3	.....	3
	F	11	2	.....	.....	.....	.....	.....	.....	.....	3	1	.....	5
72. Leukaemia and aleukaemia	M	110	16	14	6	8	2	.....	1	18	20	14	.....	10
	F	80	14	7	3	.....	2	.....	2	11	19	11	.....	11
72A. Leukaemia	M	81	15	9	4	4	1	.....	1	12	15	12	.....	8
	F	59	12	6	2	.....	2	.....	2	6	13	8	.....	8
72B. Aleukaemia (Hodgkin's disease)	M	29	1	5	2	4	1	.....	.....	6	5	2	.....	2
	F	21	2	1	1	.....	.....	.....	.....	5	6	3	.....	3

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
3	897	205	33	69	2	118	99	97	99	101	84	122	83	83	102	103	115	
2	344	73	13	36	2	46	38	43	44	38	30	48	28	31	37	43	42	
1	553	132	20	33	....	72	61	54	55	63	54	74	55	52	65	60	73	
....	91	10	5	8	....	9	9	13	12	14	4	10	7	10	9	9	8	56
....	80	13	1	3	....	11	11	9	4	12	6	13	9	9	3	4	6	
....	8	3	....	1	....	4	2	2	2	....	1	....	....	....	....	....	1	57
....	17	2	....	2	....	....	1	2	3	....	1	6	2	1	2	2	1	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	58
2	173	54	8	24	2	23	22	21	27	18	19	29	18	17	18	27	22	59
1	297	97	13	23	....	44	35	25	30	36	31	42	31	30	46	40	40	
....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	61
....	2	1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	1	62
....	5	....	....	....	....	1	....	....	....	1	....	....	....	....	2	....	1	63
....	4	....	....	....	....	....	1	....	1	....	1	....	....	....	....	....	1	
....	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	65
....	26	5	....	2	....	4	2	3	1	2	3	4	....	3	5	2	4	66
....	118	19	5	5	....	9	10	13	12	13	14	12	12	10	10	13	19	
....	3	....	....	1	....	1	....	....	....	....	1	....	....	1	1	....	....	66A
....	15	....	1	1	....	1	2	2	4	1	1	2	....	1	....	2	1	
....	17	5	....	1	....	2	2	1	1	2	1	4	....	1	4	2	3	66B
....	95	18	4	4	....	6	8	11	7	10	13	10	12	9	9	9	17	
....	2	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	66C
....	4	1	....	....	....	2	....	....	....	1	....	....	....	....	....	1	1	
....	2	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	66D
....	2	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	
....	2	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	66E
....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	
....	30	....	....	....	....	5	1	2	2	3	1	2	3	1	2	4	4	67
....	20	....	....	....	....	2	2	2	3	1	1	1	....	1	2	1	4	
....	5	....	....	1	....	....	2	....	....	....	1	2	....	....	....	....	1	68
....	4	....	....	....	....	2	....	....	....	....	....	....	....	....	1	....	1	
....	4	1	....	....	....	....	....	1	....	....	1	1	....	....	1	1	....	69
....	9	....	1	....	....	2	....	3	2	1	....	....	1	1	....	....	....	
....	3	....	....	....	....	....	....	1	....	....	....	1	....	....	....	1	....	69A
....	5	....	1	....	....	1	....	3	1	1	....	....	....	....	....	....	....	
....	1	1	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	69C
....	4	....	....	....	....	1	....	....	1	....	....	....	1	1	....	....	....	
1	409	89	8	28	....	46	40	50	54	59	54	45	38	38	38	40	32	
1	188	42	6	17	....	20	21	19	22	26	26	19	22	19	18	20	21	
....	221	47	2	11	....	26	19	31	32	33	28	26	16	19	20	20	11	
....	9	3	....	....	....	1	2	....	1	1	....	2	1	....	....	2	2	70
....	13	1	....	....	....	1	1	3	....	4	1	....	1	1	1	1	....	
....	7	3	....	....	....	1	2	....	1	1	....	1	....	....	....	2	2	70A
....	13	1	....	....	....	1	1	3	....	4	1	....	1	1	1	1	....	
....	2	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	70B
....	96	18	2	5	....	10	10	13	16	15	15	8	8	5	9	4	8	71
....	139	24	....	2	....	15	12	16	20	22	20	18	9	8	10	9	6	
....	86	17	2	3	....	10	8	12	15	13	14	8	8	4	7	3	6	71A
....	129	23	....	2	....	14	12	15	19	18	19	18	8	8	9	8	6	
....	10	1	....	2	....	....	2	1	1	2	1	....	....	1	2	1	2	71B
....	10	1	....	....	....	1	....	1	1	4	1	....	1	....	1	1	....	
1	78	17	4	11	....	8	8	6	5	9	9	8	12	14	7	14	10	72
....	54	18	2	6	....	8	3	10	11	5	6	6	6	7	7	6	5	
....	56	14	4	7	....	4	5	4	4	6	5	7	11	9	7	13	6	72A
....	42	12	1	4	....	4	3	7	7	4	5	4	3	7	6	6	3	
1	22	3	....	4	....	4	3	2	1	3	4	1	1	5	....	1	4	72B
....	12	6	1	2	....	4	....	3	4	1	1	2	3	....	1	....	2	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION												
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
73. Diseases of the spleen...	M	7	1	1	.....	1	.....	.....	.....	1	2	1	.....	.....
	F	13	2	1	.....	2	.....	.....	.....	2	3	.....	.....	3
74. Other diseases of the blood and blood-forming organs..........	M	3	.....	.....	.....	1	.....	.....	.....	.....	2	.....	.....	.....
	F	9	1	1	.....	2	.....	.....	.....	1	3	1	.....	.....
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS														
Total..............	...	50	.....	.....	6	7	1	.....	.....	12	12	4	.....	6
	M	45	.....	.....	6	7	1	.....	.....	10	10	4	.....	5
	F	5	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	1
75. Alcoholism............	M	42	.....	.....	6	7	1	.....	.....	9	9	3	.....	5
	F	3	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....
75A. Delirium tremens......	M	3	.....	.....	.....	.....	.....	.....	.....	2	.....	1	.....	.....
75B. Other alcoholic intoxications...............	M	39	.....	.....	6	7	1	.....	.....	7	9	2	.....	5
	F	3	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....
76. Chronic poisoning, by other organic substances.............	M	3	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....
	F	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
76A. Chronic morphinism....	M	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
76D. Other organic poisoning	M	2	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
	F	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE														
Total..............	..	1861	124	49	76	118	160	.....	6	86	325	378	.....	534
	M	1006	74	36	50	79	77	.....	2	39	197	250	.....	197
	F	855	50	13	26	39	83	.....	4	47	128	128	.....	337
78. Encephalitis (non-epidemic).............	M	27	7	5	.....	1	.....	.....	.....	2	8	2	.....	1
	F	9	2	1	.....	2	.....	.....	.....	2	1	.....	.....	1
79. Simple meningitis.......	M	38	23	2	2	.....	.....	.....	1	2	5	3	.....	.....
	F	32	16	3	1	.....	.....	.....	.....	3	5	1	.....	3
80. Progressive locomotor ataxia (tabes dorsalis).	M	18	.....	.....	1	.....	1	.....	.....	.....	5	6	.....	5
	F	3	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	1
81. Other diseases of the spinal cord..........	M	66	1	1	3	6	7	.....	.....	6	21	16	.....	5
	F	48	1	.....	2	2	4	.....	.....	3	8	18	.....	10
82. Cerebral haemorrhage, cerebral embolism and thrombosis..........	M	473	1	5	8	22	41	.....	.....	9	89	160	.....	135
	F	428	.....	1	3	12	38	.....	2	12	68	70	.....	222
82A. Cerebral haemorrhage..	M	356	1	4	7	18	33	.....	.....	7	68	113	.....	104
	F	343	.....	1	2	9	35	.....	1	11	56	57	.....	171
82B. Cerebral embolism and thrombosis..........	M	65	.....	.....	.....	3	4	.....	.....	1	14	25	.....	18
	F	45	.....	.....	.....	1	2	.....	.....	1	6	6	.....	29
82C. Softening of the brain..	M	3	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1
	F	4	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2
82D. Hemiplegia and other paralysis, cause not specified............	M	49	.....	1	1	1	3	.....	.....	1	7	21	.....	12
	F	36	.....	.....	1	2	1	.....	1	.....	5	6	.....	20
83. General paralysis of the insane...............	M	65	.....	.....	5	7	3	.....	.....	9	25	6	.....	10
	F	13	.....	.....	.....	.....	1	.....	.....	1	4	1	.....	6
84. Dementia praecox and other psychoses......	M	88	.....	4	17	25	14	.....	.....	4	9	10	.....	4
	F	97	.....	1	11	12	16	.....	.....	9	23	9	.....	16
84A. Dementia praecox.....	M	79	.....	4	16	23	14	.....	.....	3	9	7	.....	2
	F	77	.....	1	11	12	14	.....	.....	8	13	7	.....	11
84B. Other psychoses.......	M	9	.....	.....	1	2	.....	.....	.....	1	.....	3	.....	2
	F	20	.....	.....	.....	.....	2	.....	.....	1	10	2	.....	5
85. Epilepsy	M	42	7	13	8	3	1	.....	1	1	3	2	.....	3
	F	33	4	4	5	4	2	.....	2	5	1	1	.....	5

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
....	4	2	....	1	....	1	1	....	....	1	1	....	....	....	2	....	1	73
....	9	3	....	1	....	....	1	1	1	1	1	....	....	2	2	4	....	
...	1	2	....	....	....	....	....	....	....	....	1	1	1	....	....	....	....	74
....	6	1	....	2	....	2	2	1	....	1	....	2	....	1	....	....	....	
2	36	8	....	4	2	2	2	4	5	2	6	2	5	6	4	3	9	
2	31	8	....	4	2	2	2	3	5	2	6	2	5	5	3	2	8	
....	5	....	....	....	....	....	....	1	....	....	....	....	....	1	1	1	1	
2	29	7	....	4	2	2	2	3	5	1	5	2	5	5	3	2	7	75
....	3	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	
....	3	....	....	....	....	....	....	....	....	....	1	....	2	....	....	....	....	75A
2	26	7	....	4	2	2	2	3	5	1	4	2	3	5	3	2	7	75B
....	3	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	
....	2	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	1	76
....	2	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	
....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	76A
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	
....	1	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	76D
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	
5	1398	325	40	90	8	164	164	168	162	159	142	143	138	150	123	167	181	
5	743	175	17	65	6	86	79	88	92	78	77	80	80	83	69	100	94	
....	655	150	23	25	2	78	85	80	70	81	65	63	58	67	54	67	87	
1	20	3	....	4	....	3	1	2	1	1	5	5	5	....	....	1	3	78
....	6	3	....	....	....	1	....	1	....	2	....	....	1	....	2	....	2	
....	34	2	....	2	....	3	4	1	3	5	1	4	4	4	....	5	4	79
...	26	5	1	....	....	5	2	1	5	2	5	1	1	....	1	4	5	
....	10	5	....	3	....	1	1	....	5	...	....	1	3	1	1	2	3	80
....	2	1	....	....	....	....	1	1	....	....	1	....	....	....	....	....	....	
....	50	13	....	3	....	3	5	4	5	5	5	4	5	4	11	7	8	81
....	34	13	1	....	....	4	5	6	2	5	1	9	1	5	4	2	4	
3	344	95	10	22	2	47	39	48	43	33	36	30	34	38	31	52	42	82
....	331	73	9	14	1	38	46	46	28	47	33	23	30	38	25	27	47	
1	255	77	6	17	1	40	32	38	32	23	21	25	29	30	20	37	29	82A
....	265	58	8	11	1	34	32	37	21	38	31	19	25	29	20	18	39	
....	45	12	3	5	....	6	3	6	6	8	10	1	2	5	4	6	8	82B
....	34	10	....	1	....	3	8	6	4	5	1	2	1	4	3	5	3	
....	3	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	82C
....	4	....	....	....	....	....	....	....	1	....	....	1	1	....	1	....	....	
2	41	6	1	....	1	1	4	4	4	2	5	4	3	3	7	8	4	82D
....	28	5	1	2	....	1	6	3	2	4	1	1	3	5	1	4	5	
....	39	11	3	12	....	7	7	4	3	4	5	5	6	5	4	6	9	83
....	9	2	1	1	....	1	....	1	4	3	....	1	1	....	....	1	1	
1	63	10	1	10	4	8	5	11	7	6	7	9	6	9	5	9	6	84
....	71	15	5	5	1	9	9	11	10	8	6	11	6	7	7	3	10	
1	56	9	1	9	4	6	3	11	6	5	7	9	6	7	5	9	5	84A
....	54	13	5	4	1	7	7	8	8	7	6	9	3	6	6	2	8	
....	7	1	....	1	....	2	2	....	1	1	....	....	....	2	....	....	1	84B
....	17	2	....	1	....	2	2	3	2	1	....	2	3	1	1	1	2	
....	36	5	1	....	....	2	4	2	3	6	5	4	5	1	4	2	4	85
....	31	2	....	....	....	3	5	5	4	3	2	1	3	2	1	3	1	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
86. Convulsions (under 5 years of age)	M	14	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	8	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87. Other diseases of the nervous system	M	149	10	3	6	14	10	.....	.....	5	29	42	.....	30
	F	154	5	2	3	6	21	.....	.....	10	14	26	.....	67
87A. Chorea	M	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
87B. Neuralgia and neuritis	M	5	.....	1	.....	1	.....	.....	.....	.....	1	1	.....	1
	F	15	.....	1	.....	.....	1	.....	.....	3	.....	5	.....	5
87C Paralysis agitans	M	72	.....	.....	.....	7	5	.....	.....	.....	15	28	.....	17
	F	65	.....	.....	1	3	10	.....	.....	2	1	16	.....	32
87D. Sclerosis (other than of the spinal cord)	M	47	.....	.....	4	5	3	.....	.....	4	8	12	.....	11
	F	46	.....	.....	.....	2	6	.....	.....	3	7	4	.....	24
87E. Others under this title	M	23	9	2	1	1	2	.....	.....	1	5	1	.....	1
	F	26	3	1	2	1	4	.....	.....	2	6	1	.....	6
88. Diseases of the organs of vision	M	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
	F	4	.....	.....	.....	.....	1	.....	.....	.....	1	2	.....	.....
89. Diseases of the ear and mastoid process	M	24	11	3	.....	1	.....	.....	.....	1	3	3	.....	2
	F	26	14	1	1	1	.....	.....	.....	2	1	.....	.....	6
89A. Otitis	M	15	8	1	.....	1	.....	.....	.....	.....	1	3	.....	1
	F	16	11	.....	.....	1	.....	.....	.....	2	.....	.....	.....	2
89B. Diseases of the mastoid process	M	9	3	2	.....	.....	.....	.....	.....	1	2	.....	.....	1
	F	10	3	1	1	.....	.....	.....	.....	.....	1	.....	.....	4
CLAS VII.—DISEASES OF THE CIRCULATORY SYSTEM														
Total	...	14497	33	55	128	469	1242	.....	14	364	2544	4037	2	5567
	M	7941	20	31	93	324	611	.....	6	208	1707	2754	1	2151
	F	6556	13	24	35	145	631	.....	8	156	837	1283	1	3416
90–95. Diseases of the heart	M	5065	14	29	84	251	334	.....	6	178	1327	1593	1	1222
	F	3481	13	23	27	96	310	.....	7	116	521	681	.....	1683
90. Pericarditis	M	9	1	.....	.....	1	2	.....	1	2	1	1	.....	.....
	F	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
91. Acute endocarditis	M	55	7	9	16	1	.....	.....	1	9	10	1	.....	1
	F	52	4	9	7	2	1	.....	.....	18	4	1	.....	6
91A. Endocarditis specified as acute	M	44	5	8	10	1	.....	.....	.....	8	10	1	.....	1
	F	43	3	7	6	2	1	.....	.....	15	4	1	.....	4
91B. Endocarditis unspecified (under 45 years of age)	M	11	2	1	6	.....	.....	.....	1	1	.....	.....	.....	.....
	F	9	1	2	1	.....	.....	.....	.....	3	.....	.....	.....	2
92. Chronic endocarditis, valvular diseases	M	443	1	10	11	20	36	.....	.....	20	92	155	.....	97
	F	479	6	6	8	9	51	.....	3	32	82	69	.....	211
92A. Endocarditis specified as chronic and other valvular diseases	M	372	1	10	11	15	30	.....	.....	20	77	126	.....	81
	F	412	6	6	8	7	45	.....	3	32	72	57	.....	174
92B. Endocarditis, unspecified (45 years and over)	M	71	.....	.....	.....	5	6	.....	.....	.....	15	29	.....	16
	F	67	.....	.....	.....	2	6	.....	.....	.....	10	12	.....	37
93. Diseases of the myocardium	M	1233	3	5	17	51	130	.....	1	17	153	427	1	419
	F	1257	1	4	8	36	140	.....	3	16	105	245	.....	698
93A. Acute myocarditis	M	33	.....	1	2	1	2	.....	.....	4	6	8	.....	8
	F	38	.....	3	.....	3	3	.....	2	2	5	7	.....	13
93B. Myocarditis, unspecified (under 45 years of age)	M	10	2	2	3	.....	.....	.....	.....	3	.....	.....	.....	.....
	F	15	.....	1	5	.....	.....	.....	1	7	.....	.....	.....	1
93C. Chronic myocarditis and myocardial degeneration	M	772	1	2	12	35	79	.....	1	10	107	264	1	254
	F	769	1	.....	3	20	83	.....	.....	7	64	164	.....	426
93D. Myocarditis, unspecified (45 years and over)	M	418	.....	.....	.....	15	49	.....	.....	.....	40	155	.....	157
	F	435	.....	.....	.....	13	54	.....	.....	.....	36	74	.....	258
94. Diseases of the coronary arteries and angina pectoris	M	3159	.....	2	34	172	153	.....	2	122	1036	954	.....	668
	F	1505	.....	.....	3	43	99	.....	1	34	300	338	.....	686
94A. Diseases of the coronary arteries	M	136	.....	.....	4	10	6	.....	.....	2	53	27	.....	34
	F	75	.....	.....	.....	3	4	.....	.....	.....	13	17	.....	38

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec	
.	14	....	....	....	...	2	....	1	1	2	1	1	1	2	1	....	2	86
....	8	....	....	....	...	....	....	....	2	1	....	....	1	1	3	....	....	
....	111	27	2	9	....	9	11	10	18	13	11	16	9	15	11	14	12	87
...	108	35	6	5	....	15	11	7	12	9	15	15	13	12	11	21	13	
...	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	87A
....	2	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	
....	2	2	....	1	....	....	....	1	1	....	....	....	1	....	1	....	1	87B
....	12	3	....	....	....	1	2	....	2	....	1	3	....	1	....	4	1	
....	52	14	2	4	....	4	5	5	9	4	5	8	2	9	6	7	8	87C
....	46	12	4	3	....	9	3	4	4	4	6	5	6	7	4	7	6	
....	34	9	....	4	....	4	5	3	6	5	5	5	3	3	2	4	2	87D
....	29	14	2	1	....	3	3	1	2	3	5	5	5	3	5	8	3	
....	21	2	....	....	....	1	1	1	2	4	1	3	3	3	1	2	1	87E
....	19	6	....	1	....	2	3	2	4	1	3	2	1	1	2	2	3	
....	1	1	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	88
....	4	....	....	....	....	1	1	....	....	....	....	....	1	....	....	....	1	
....	21	3	....	....	....	1	2	4	3	3	1	1	2	3	1	2	1	89
....	25	1	....	....	....	1	5	1	3	1	2	2	....	2	....	6	3	
....	13	2	....	....	....	1	1	3	3	2	1	....	1	....	....	2	1	89A
....	16	....	....	....	....	1	3	1	2	....	1	1	....	1	....	3	3	
....	8	1	....	....	....	....	1	1	....	1	....	1	1	3	1	....	....	89B
....	9	1	....	....	....	....	2	....	1	1	1	1	1	1	....	3	....	
42	10421	2872	398	771	35	1399	1216	1305	1223	1171	1127	1154	1005	1061	1242	1262	1332	
35	5571	1642	206	493	29	748	633	739	688	658	630	641	545	575	653	687	744	
7	4850	1230	192	278	6	651	583	566	535	513	497	513	460	486	589	575	588	
26	3468	1075	141	359	22	475	388	463	421	430	389	427	369	375	416	425	487	90–95
4	2558	654	105	158	6	348	327	299	307	267	272	256	235	259	316	282	313	
....	7	2	....	....	....	3	1	1	....	....	1	2	....	....	....	....	1	90
....	1	1	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	
....	44	7	3	1	....	4	7	5	6	4	3	7	4	4	3	6	2	91
....	43	6	1	2	....	1	6	7	8	2	4	4	2	1	9	2	6	
....	34	7	3	....	....	1	6	4	5	4	2	6	4	2	3	6	1	91A
....	36	4	1	2	....	1	5	6	8	1	3	4	1	....	8	2	4	
....	10	....	....	1	....	3	1	1	1	....	1	1	....	2	....	....	1	91B
....	7	2	....	....	....	....	1	1	....	1	1	....	1	1	1	....	2	
1	324	87	8	23	1	48	30	42	36	40	44	36	37	31	43	27	29	92
2	379	72	12	14	2	48	42	31	36	37	45	47	31	29	46	39	48	
1	271	71	8	21	1	40	26	37	32	30	32	29	31	28	40	25	22	92A
2	323	63	11	14	1	40	34	27	32	28	38	44	26	26	41	34	42	
....	53	16	....	2	....	8	4	5	4	10	12	7	6	3	3	2	7	92B
....	56	9	1	....	1	8	8	4	4	9	7	3	5	3	5	5	6	
9	873	229	37	87	7	113	110	106	93	94	97	109	81	79	104	120	127	93
1	926	246	35	47	3	122	120	108	114	94	86	86	91	90	123	111	112	
1	21	10	2	....	....	1	2	7	2	1	2	4	2	1	5	1	5	93A
....	30	7	1	....	....	6	4	1	1	2	1	5	4	5	4	2	3	
....	6	....	2	2	....	1	1	4	1	....	....	1	....	....	....	1	1	93B
....	8	4	....	2	1	2	....	1	1	....	....	....	2	2	4	2	1	
6	541	141	19	65	6	68	74	63	50	70	61	71	42	49	72	74	78	93C
1	550	157	29	32	1	66	69	59	79	45	53	57	59	62	76	67	77	
2	305	78	14	20	1	43	33	32	40	23	34	33	37	29	27	44	43	93D
....	338	78	5	13	1	48	47	47	33	47	32	24	26	21	39	40	31	
16	2112	720	89	226	12	287	229	294	275	276	231	257	231	258	258	255	308	94
1	1077	291	50	86	1	149	134	140	134	120	122	105	99	131	128	115	128	
....	82	29	2	23	....	9	15	13	15	15	5	10	10	12	14	7	11	94A
...	50	16	3	6	....	5	9	6	9	8	5	6	7	7	5	5	3	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
94B. Embolism and thrombosis of the coronary arteries	M	2758	....	2	29	155	136	....	2	111	893	840	....	574
	F	1317	....	....	3	37	92	....	1	31	266	289	....	597
94C. Angina pectoris	M	265	....	....	1	7	11	....	....	9	90	87	....	60
	F	113	....	....	....	3	3	....	....	3	21	32	....	51
95. Other diseases of the heart	M	166	2	3	6	6	13	....	1	8	35	55	....	37
	F	186	2	4	1	6	19	....	....	16	30	27	....	81
95A. Functional diseases of the heart	M	29	....	....	....	1	2	....	....	1	5	11	....	9
	F	51	....	1	....	1	6	....	....	4	5	10	....	24
95B. Other and unspecified	M	137	2	3	6	5	11	....	1	7	30	44	....	28
	F	135	2	3	1	5	13	....	....	12	25	17	....	57
96. Aneurysm (except of the heart)	M	39	....	....	....	2	3	....	....	1	15	11	....	7
	F	22	....	....	....	....	4	....	1	3	3	2	....	9
97. Arteriosclerosis (of coronary arteries excepted)	M	2292	....	....	....	46	246	....	....	8	230	962	....	797
	F	2355	....	....	....	30	267	....	....	7	153	463	1	1432
98. Gangrene	M	73	1	....	1	2	5	....	....	1	3	34	....	25
	F	33	....	....	....	....	5	....	....	....	3	6	....	18
99. Other diseases of the ararteries	M	29	1	....	2	3	2	....	....	2	6	9	....	3
	F	21	....	....	....	1	....	....	....	2	6	5	....	7
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	M	29	1	....	1	....	....	....	....	2	8	4	....	13
	F	38	....	....	....	....	4	....	....	2	10	4	....	18
101. Diseases of the lymphatic system (lymphangitis, etc.)	M	4	2	1	....	....	....	....	....	....	....	....	....	1
	F	2	....	....	....	....	1	....	....	1	....	....	....	....
102. Idiopathic abnormalities of blood pressure	M	408	....	1	5	20	21	....	....	16	117	141	....	83
	F	603	....	1	8	18	40	....	....	25	140	122	....	249
103. Other diseases of the cirlatory system	M	2	1	....	....	....	....	....	....	....	1	....	....	....
	F	1	....	....	....	....	....	....	....	....	1	....	....	....
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM														
Total	...	2540	562	47	57	87	191	....	10	89	321	476	....	696
	M	1362	298	37	36	56	85	....	4	48	216	306	....	272
	F	1178	264	10	21	31	106	....	6	41	105	170	....	424
104. Diseases of the nasal fossae and annexa	M	12	6	1	1	....	1	....	....	2	1	....	....	....
	F	7	1	....	....	....	1	....	....	1	2	....	....	2
105. Diseases of the larynx	M	11	9	....	....	....	....	....	....	....	1	1	....	....
	F	6	4	1	....	....	....	....	....	....	1	....	....	....
105A. Croup	M	2	2	....	....	....	....	....	....	....	....	....	....	....
	F	1	1	....	....	....	....	....	....	....	....	....	....	....
105B. Other diseases of the larynx	M	9	7	....	....	....	....	....	....	....	1	1	....	....
	F	5	3	1	....	....	....	....	....	....	1	....	....	....
106. Bronchitis	M	57	16	1	1	1	2	....	....	2	8	16	....	10
	F	46	10	1	1	....	4	....	....	3	2	6	....	19
106A. Acute	M	17	12	....	....	....	....	....	....	....	....	2	....	3
	F	13	10	....	....	....	....	....	....	....	....	1	....	2
106B. Chronic	M	28	....	1	1	1	2	....	....	2	8	8	....	5
	F	23	....	1	....	....	2	....	....	3	2	5	....	10
106C. Unspecified	M	12	4	....	....	....	....	....	....	....	....	6	....	2
	F	10	....	....	1	....	2	....	....	....	....	....	....	7
107. Bronchopneumonia	M	560	162	9	9	17	43	....	3	7	56	118	....	132
	F	580	169	4	7	11	55	....	2	15	30	81	....	206
107A. Bronchopneumonia	M	559	161	9	9	17	43	....	3	7	56	118	....	132
	F	578	168	4	7	11	55	....	2	15	30	80	....	206
107B. Capillary bronchitis	M	1	1	....	....	....	....	....	....	....	....	....	....	....
	F	2	1	....	....	....	....	....	....	....	....	....	....	....
108. Lobar pneumonia	M	366	36	15	15	22	19	....	....	17	79	99	....	64
	F	241	35	2	8	8	22	....	3	12	26	45	....	80
109. Pneumonia, unspecified	M	119	51	2	5	4	7	....	1	4	9	19	....	17
	F	111	31	1	....	1	11	....	....	1	10	7	....	49
110. Pleurisy	M	34	5	2	1	4	1	....	....	6	8	5	....	2
	F	18	4	....	2	1	....	....	1	1	4	1	....	4
111. Congestion and haemorrhagic infarct of the lung, etc	M	52	3	....	2	1	4	....	....	1	8	17	....	16
	F	55	1	....	....	6	9	....	....	1	....	6	....	32

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
16	1833	638	79	196	12	263	195	262	231	232	206	232	197	230	221	224	265	94B
1	942	256	44	74	1	126	117	127	110	106	112	92	85	111	112	103	116	
....	197	53	8	7	....	15	19	19	29	29	20	15	24	16	23	24	32	94C
....	85	19	3	6	....	18	8	7	15	6	5	7	7	13	11	7	9	
....	108	30	4	22	2	20	11	15	11	16	13	16	16	3	8	17	20	95
....	132	38	7	9	....	28	24	13	15	14	14	14	12	8	10	15	19	
....	18	9	1	....	1	3	2	1	3	3	2	....	4	....	1	6	4	95A
....	35	13	....	3	....	6	5	5	4	3	5	3	4	3	3	5	5	
....	90	21	3	22	1	17	9	14	8	13	11	16	12	3	7	11	16	95B
....	97	25	7	6	....	22	19	8	11	11	9	11	8	5	7	10	14	
....	24	12	1	2	....	4	5	2	5	4	2	4	2	4	2	3	2	96
....	16	3	1	2	....	2	1	1	....	2	....	1	4	....	3	2	6	
3	1701	452	49	86	4	218	194	221	213	179	194	165	144	156	194	213	201	97
2	1768	440	69	78	....	235	191	217	169	191	170	198	177	171	201	227	208	
1	51	15	3	4	....	4	11	7	8	4	4	9	3	6	5	8	4	98
1	25	8	....	....	....	5	2	2	6	1	3	3	3	2	3	2	1	
1	21	3	1	4	....	5	1	2	2	3	3	....	5	2	2	3	1	99
....	16	4	....	1	....	2	2	2	3	2	....	....	1	....	5	2	2	
....	20	5	1	3	....	2	2	1	3	4	2	2	3	2	1	4	3	100
....	21	8	3	6	....	6	3	1	4	2	2	3	1	4	6	4	2	
....	4	....	....	....	....	....	1	1	....	....	....	....	....	....	....	2	....	101
....	2	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	
4	281	80	10	34	3	40	31	41	36	34	36	34	19	30	33	28	46	102
....	433	113	14	33	....	53	56	44	46	48	50	52	38	50	54	56	56	
....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	103
....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	
4	1906	445	49	133	7	300	237	238	209	211	162	176	142	122	222	227	294	
4	995	248	23	90	6	169	112	127	115	112	85	90	74	64	118	131	165	
....	911	197	26	43	1	131	125	111	94	99	77	86	68	58	104	96	129	
....	12	....	....	....	....	1	2	1	1	....	2	....	....	1	2	2	....	104
....	5	....	1	1	....	1	2	....	1	....	2	....	....	....	....	....	1	
....	9	1	....	1	....	2	....	1	1	1	1	3	....	....	1	1	....	105
....	6	....	....	....	....	1	2	1	....	....	....	....	1	....	....	....	1	
....	2	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	105A
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
....	7	1	....	1	....	1	....	1	1	1	1	2	....	....	1	1	....	105B
....	5	....	....	....	....	....	2	1	....	....	....	....	1	....	....	....	1	
....	42	9	1	5	....	4	3	7	2	9	5	3	3	5	8	5	3	106
....	40	3	3	....	....	6	2	3	6	1	....	3	3	4	5	7	6	
....	14	2	....	1	....	2	1	3	....	4	1	....	....	....	3	1	2	106A
....	13	....	....	....	....	1	....	1	2	....	....	....	....	3	1	3	2	
....	18	6	....	4	....	1	1	3	....	4	1	2	2	5	5	3	1	106B
....	19	2	2	....	....	3	1	2	3	1	....	2	3	1	3	2	2	
....	10	1	1	....	....	1	1	1	2	1	3	1	1	....	....	1	....	106C
....	8	1	1	....	....	2	1	....	1	....	....	1	....	....	1	2	2	
4	418	103	8	26	5	66	45	51	36	43	32	42	29	30	42	61	83	107
....	463	90	13	13	1	60	50	49	47	58	38	44	32	30	52	57	63	
4	417	103	8	26	5	66	44	51	36	43	32	42	29	30	42	61	83	107A
....	461	90	13	13	1	60	50	47	47	58	38	44	32	30	52	57	63	
....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	107B
....	2	....	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	
....	256	75	7	27	1	60	35	35	50	33	18	18	16	13	26	26	36	108
....	177	44	3	17	....	21	35	28	26	18	18	17	13	5	22	16	22	
....	101	9	2	7	....	17	8	14	9	10	6	6	6	4	15	9	15	109
....	88	19	1	3	....	15	14	11	3	7	9	13	2	5	6	7	19	
....	21	5	1	7	....	4	3	4	3	5	2	2	2	3	2	2	2	110
....	13	3	1	1	....	1	3	2	1	1	1	2	2	2	1	1	1	
....	41	8	....	3	....	4	3	6	2	1	8	7	4	3	4	6	4	111
....	41	8	2	4	....	6	6	6	2	4	5	1	7	5	3	3	7	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
111A. Pulmonary embolism and thrombosis.......	M	11	....	....	1	1	....	....	....	1	6	1	....	1
	F	4	....	....	....	2	....	....	....	1	....	1	....	....
111B. Others under this title.	M	41	3	....	1	....	4	....	....	....	2	16	....	15
	F	51	1	....	....	4	9	....	....	....	....	5	....	32
112. Asthma..............	M	109	7	3	2	3	6	....	....	5	28	29	....	26
	F	100	4	1	1	4	4	....	....	6	27	23	....	30
113. Pulmonary emphysema.	M	2	....	....	....	....	....	....	....	....	2	....	....	....
	F	1	....	....	....	....	....	....	....	....	....	....	....	1
114. Other diseases of the respiratory system (tuberculosis excepted)..	M	40	3	4	....	4	2	....	....	4	16	2	....	5
	F	13	5	....	2	....	....	....	....	1	3	1	....	1
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system................	M	12	....	1	....	....	1	....	....	....	8	....	....	2
	F	1	....	....	....	....	....	....	....	....	....	1	....	....
114C. Others under this title.	M	28	3	3	....	4	1	....	....	4	8	2	....	3
	F	12	5	....	2	....	....	....	....	1	3	....	....	1
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM														
Total..............	...	1957	308	72	70	87	80	....	7	191	415	324	....	400
	M	1113	181	45	54	67	38	....	4	117	253	204	....	148
	F	844	127	27	16	20	42	....	3	74	162	120	....	252
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations).....	M	75	13	9	4	1	1	....	....	12	16	9	....	10
	F	77	17	5	3	2	3	....	....	8	11	6	....	21
115A. Diseases of the buccal cavity and annexa....	M	29	1	1	2	....	1	....	....	4	7	8	....	5
	F	29	2	2	....	2	1	....	....	4	2	1	....	14
115B. Diseases of the tonsils.	M	17	3	4	....	1	....	....	....	5	3	....	....	1
	F	15	6	1	....	....	....	....	....	2	2	2	....	2
115C. Others under this title.	M	29	9	4	2	....	....	....	....	3	6	1	....	4
	F	33	9	2	3	....	2	....	....	2	7	3	....	5
116. Diseases of the oesophagus.............	F	4	....	....	....	....	....	....	....	....	1	....	....	3
117. Ulcer of the stomach or duodenum...........	M	266	1	....	18	25	11	....	....	31	91	55	....	33
	F	59	1	....	....	4	5	....	....	6	12	10	....	21
117A. Ulcer of the stomach..	M	116	1	....	8	11	5	....	....	16	33	23	....	19
	F	41	....	....	....	1	4	....	....	5	8	6	....	17
117B. Ulcer of the duodenum	M	150	....	....	10	14	6	....	....	15	58	32	....	14
	F	18	1	....	....	3	1	....	....	1	4	4	....	4
118. Other diseases of the stomach..........	M	12	4	....	....	1	....	....	....	2	3	....	....	2
	F	15	2	....	....	....	....	....	....	....	2	4	....	7
119. Diarrhoea and enteritis (under 2 years of age).	M	93	93	....	....	....	....	....	....	....	....	....	....	....
	F	56	56	....	....	....	....	....	....	....	....	....	....	....
120. Diarrhoea and enteritis (2 years and over)...	M	45	14	....	5	2	2	....	1	4	5	5	....	7
	F	63	8	3	....	2	4	....	....	6	9	7	....	24
120A. Diarrhoea and enteritis	M	26	13	....	....	1	2	....	1	1	1	2	....	5
	F	42	6	1	....	2	3	....	....	2	6	4	....	18
120B. Ulceration of the intestines................	M	19	1	....	5	1	....	....	....	3	4	3	....	2
	F	21	2	2	....	....	1	....	....	4	3	3	....	6
121. Appendicitis...........	M	183	32	25	11	7	2	....	3	37	37	15	....	13
	F	93	22	16	5	2	1	....	1	15	15	9	....	7
122. Hernia, intestinal obstruction............	M	179	17	6	9	16	12	....	....	8	30	46	....	35
	F	160	15	2	5	5	11	....	1	8	30	29	....	54
122A. Hernia..............	M	92	5	....	4	8	7	....	....	4	16	21	....	27
	F	61	2	1	1	....	6	....	....	3	15	12	....	21
122B. Intestinal obstruction	M	87	12	6	5	8	5	....	....	4	14	25	....	8
	F	99	13	1	4	5	5	....	1	5	15	17	....	33

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
...	8	3	....	....	....	....	1	1	1	....	1	....	....	....	3	1	3	111A
....	4	....	....	....	....	....	....	....	....	....	....	....	2	....	....	1	1	
....	33	5	....	3	....	4	2	5	1	1	7	7	4	3	1	5	1	111B
....	37	8	2	4	....	6	6	6	2	4	5	1	5	5	3	2	6	
...	72	26	4	7	....	8	9	3	6	9	6	6	10	5	14	15	18	112
...	67	29	2	2	....	19	10	8	6	9	4	5	8	6	13	4	8	
....	....	2	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	113
....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	
....	23	10	....	7	....	3	2	5	5	1	5	3	4	....	4	4	4	114
....	10	1	....	2	....	1	1	2	2	1	....	1	....	1	2	1	1	
....	3	5	....	4	...	1	....	1	2	....	1	1	2	....	....	1	3	114A
....	1	....	....	....	...	....	....	....	1	....	....	....	....	....	....	....	....	
	20	5	....	3	...	2	2	4	3	1	4	2	2	....	4	3	1	114C
....	9	1	....	2	....	1	1	2	1	1	....	1	....	1	2	1	1	
3	1463	330	42	119	3	181	140	165	156	186	144	168	169	176	159	187	126	
2	814	185	23	89	2	100	78	88	92	105	82	99	91	97	91	109	81	
1	649	145	19	30	1	81	62	77	64	81	62	69	78	79	68	78	45	
....	63	5	2	5	...	7	8	5	10	13	4	7	4	6	8	....	3	115
1	66	5	2	3	1	7	9	6	6	12	6	5	7	6	6	6	1	
....	25	2	....	2	....	3	4	3	4	3	1	1	1	2	5	....	2	115A
1	25	2	....	1	1	3	1	2	2	7	3	1	1	4	2	3	....	
....	13	2	....	2	....	....	2	1	....	5	....	3	1	2	2	....	1	115B
....	10	2	2	1	....	2	4	1	1	2	....	....	3	....	1	1	....	
....	25	1	2	1	....	4	2	1	6	5	3	3	2	2	1	....	....	115C
....	31	1	....	1	....	2	4	3	3	3	3	4	3	2	3	2	1	
....	2	1	1	....	....	....	1	....	....	1	....	1	....	....	1	....	....	116
1	172	65	9	19	1	28	24	18	18	33	23	16	19	20	20	32	15	117
....	44	11	3	1	....	8	2	3	3	2	6	4	3	11	4	3	10	
....	74	29	7	6	....	14	8	5	7	16	8	10	7	8	13	12	8	117A
....	32	6	2	1	....	7	2	3	2	2	3	2	3	7	2	2	6	
1	98	36	2	13	1	14	16	13	11	17	15	6	12	12	7	20	7	117B
....	12	5	1	....	....	1	....	....	1	....	3	2	....	4	2	1	4	
....	11	....	....	1	....	2	1	1	1	1	2	....	1	1	1	1	....	118
....	14	1	....	....	....	3	....	1	1	....	1	3	....	1	2	1	2	
....	93	....	....	....	...	7	4	3	10	10	11	7	12	8	9	7	5	119
....	56	....	....	....	...	2	6	1	6	4	3	5	5	9	9	4	2	
....	38	5	1	1	...	4	1	3	4	3	3	5	2	9	4	3	4	120
....	48	13	1	1	...	4	6	7	5	7	5	3	7	11	3	3	2	
....	23	2	1	....	....	1	....	1	3	2	1	4	1	5	2	2	4	120A
....	35	7	....	....	....	3	4	3	2	4	4	3	3	9	3	2	2	
....	15	3	....	1	...	3	1	2	1	1	2	1	1	4	2	1	....	120B
....	13	6	1	1	....	1	2	4	3	3	1	....	4	2	....	1	....	
1	136	22	3	21	1	11	7	19	15	10	15	21	12	15	15	24	19	121
....	77	13	1	2	...	6	6	11	5	10	7	7	14	11	2	9	5	
....	134	33	3	9	....	15	12	16	12	16	14	25	19	15	7	17	11	122
....	115	36	5	4	....	18	6	14	11	16	7	13	19	14	20	15	7	
....	66	21	1	4	....	8	6	10	8	9	11	11	9	7	3	7	3	122A
....	41	15	1	4	....	5	2	6	4	8	2	6	6	6	7	6	3	
....	68	12	2	5	....	7	6	6	4	7	3	14	10	8	4	10	8	122B
....	74	21	4	....	....	13	4	8	7	8	5	7	13	8	13	9	4	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Under 15	Single					Married					Widowed
				15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	
123. Other diseases of the intestines	M	27	..	2	..	...	1	...	....	5	5	7	..	7
	F	20	1	...	...	...	1	...	....	3	3	6	..	6
124. Cirrhosis of the liver	M	96	1	1	2	8	4	...	....	8	32	23	.	17
	F	58	1	.....	1	2	6	...	....	3	18	7	.	20
124A. Specified as alcoholic	M	6	....	.....	1	.....	.....	....	....	1	2	1	.	1
124B. Not specified as alcoholic	M	90	1	1	1	8	4	...	....	7	30	22	..	16
	F	58	1	.....	1	2	6	...	....	3	18	7	..	20
125. Other diseases of the liver	M	16	4	....	1	2	1	....	....	1	3	2	..	2
	F	20	1	1	1	.....	2	....	....	4	4	3	..	4
125A. Yellow atrophy of the liver	M	3	2	....	1	.....	.....	....	....	....	....	....	....	..
	F	3	.....	1	.....	.....	.....	....	....	1	1	.....	....	..
125B. Others under this title	M	13	2	.....	.....	2	1	....	....	1	3	2	....	2
	F	17	1	....	1	....	2	....	....	3	3	3	....	4
126. Biliary calculi	M	44	....	1	....	1	2	....	....	4	11	18	....	7
	F	101	....	....	1	1	3	....	1	9	29	16	....	41
127. Other diseases of the gall-bladder and biliary passages	M	56	1	....	....	3	2	....	....	1	14	22	....	13
	F	99	....	....	....	1	4	....	....	7	25	22	....	40
128. Diseases of the pancreas	M	10	....	1	2	....	....	....	....	2	4	....	....	1
	F	6	....	....	....	....	....	....	....	2	1	....	....	3
129. Peritonitis, cause not specified	M	11	1	....	2	1	....	....	....	2	2	2	....	1
	F	13	3	....	....	1	2	....	....	3	2	1	....	1
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM														
Total	..	2819	47	24	43	85	213	....	9	135	459	843	....	952
	M	1692	25	11	26	60	125	....	1	53	256	649	....	477
	F	1127	22	13	17	25	88	....	8	82	203	194	....	475
130. Acute nephritis (including unspecified, under 10 years of age)	M	37	14	2	3	1	3	....	....	3	3	8	....	....
	F	26	6	4	2	1	....	....	....	4	1	2	....	6
131. Chronic nephritis	M	733	1	6	12	32	51	....	1	35	157	252	....	182
	F	675	4	7	5	12	64	....	1	38	120	124	....	300
132. Nephritis, unspecified (10 years and over)	M	260	2	1	6	10	23	....	....	7	40	95	....	74
	F	227	2	....	6	9	18	....	2	6	31	43	....	110
133. Other diseases of the kidneys and ureters	M	61	4	2	1	4	4	....	....	3	10	15	....	18
	F	75	9	....	2	2	2	....	....	4	17	14	....	25
134. Calculi of the urinary passages	M	41	2	....	2	2	2	....	....	3	10	14	....	5
	F	30	1	....	....	1	1	....	....	7	8	3	....	9
135. Diseases of the bladder (tumours excepted)	M	48	1	....	1	1	5	....	....	....	8	19	....	13
	F	25	....	....	....	....	2	....	....	....	4	5	....	14
136. Diseases of the urethra, urinary abscess, etc.	M	22	....	....	....	1	1	....	....	2	4	8	....	6
	F	3	....	....	....	....	....	....	....	....	2	1	....	...
136A. Stricture of the urethra	M	14	....	....	....	1	1	....	....	1	2	6	....	3
	F	1	....	....	....	....	....	....	....	....	....	1	....	....
136B. Others under this title	M	8	....	....	....	....	....	....	....	1	2	2	....	3
	F	2	....	....	....	....	....	....	....	....	2	....	....	....
137. Diseases of the prostate	M	486	....	....	1	9	36	....	....	....	24	236	....	178
138. Diseases of the male genital organs (not specified as venereal)	M	4	1	....	....	....	....	....	....	....	....	2	....	1
139. Diseases of the female genital organs (not specified as venereal)	F	66	....	2	2	....	1	....	5	23	20	2	....	11
139A. Of the ovary, Fallopian tube and parametrium	F	30	....	1	1	....	1	....	3	13	11	....	....	....
139B. Of the uterus	F	31	....	....	1	....	....	....	1	10	8	2	....	9
139C. Of the breast	F	2	....	....	....	....	....	....	1	....	....	....	....	1
139D. Other under this title	F	3	....	1	....	....	....	....	....	....	1	....	....	1

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
....	19	5	2	1	....	3	2	2	2	1	1	2	3	4	2	2	3	123
....	13	5	....	2	....	4	2	4	1	....	....	2	2	1	3	1	....	
....	65	17	....	14	....	11	5	7	10	5	2	7	10	9	7	13	10	124
....	37	12	2	7	....	8	3	5	4	7	2	3	5	3	5	6	7	
....	4	1	....	1	....	1	1	....	....	....	....	1	....	1	....	1	1	124A
....	61	16	....	13	....	10	4	7	10	5	2	6	10	8	7	12	9	124B
....	37	12	2	7	....	8	3	5	4	7	2	3	5	3	5	6	7	
....	8	3	1	4	....	....	1	5	2	1	1	....	....	2	2	....	2	125
....	15	5	....	....	....	1	3	2	2	2	1	1	3	1	1	3	....	
...	2	....	....	1	....	....	....	....	....	....	....	....	....	1	1	....	1	125A
....	3	....	....	....	....	....	....	1	....	1	....	....	1	....	....	....	....	
....	6	3	1	3	....	....	1	5	2	1	1	....	....	1	1	....	1	125B
....	12	5	....	....	....	1	3	1	2	1	1	1	2	1	1	3	....	
....	33	8	....	3	....	5	4	3	2	7	2	3	1	3	6	4	4	126
....	75	20	2	4	....	10	8	13	6	6	14	7	7	4	5	17	4	
....	32	17	2	5	....	6	4	3	4	4	2	2	8	5	9	5	4	127
....	72	21	2	4	....	9	7	9	11	10	7	15	6	5	7	9	4	
....	7	1	....	2	....	....	3	1	....	....	1	3	....	....	....	1	1	128
....	4	....	....	2	....	....	1	....	1	1	1	....	....	1	....	....	1	
....	3	4	....	4	....	1	2	2	2	1	1	1	....	....	1	....	....	129
....	11	2	....	....	....	1	2	1	2	3	2	....	....	1	....	1	....	
9	2110	482	85	132	10	269	226	237	212	254	242	230	187	189	233	231	309	
9	1241	297	51	94	9	173	133	140	125	155	148	116	119	114	145	136	188	
....	869	185	34	38	1	96	93	97	87	99	94	114	68	75	88	95	121	
....	29	6	....	2	....	....	4	4	1	4	6	1	3	2	4	5	3	130
....	23	2	....	1	....	1	7	3	6	....	....	1	2	2	2	1	1	
4	560	107	19	42	5	83	58	58	61	67	53	45	45	50	70	54	89	131
....	526	106	24	18	1	47	57	64	49	59	59	77	32	43	52	56	80	
2	193	41	16	10	....	30	22	22	18	24	30	19	16	11	19	21	28	132
....	174	40	3	10	....	27	16	17	14	21	15	22	13	18	16	23	25	
....	39	13	2	7	....	3	8	2	2	5	3	9	3	5	7	6	8	133
....	60	10	4	1	....	9	6	2	7	7	9	4	5	8	7	5	6	
1	21	13	1	4	2	4	3	5	3	4	4	4	4	1	3	3	3	134
....	17	9	....	4	....	5	3	1	3	2	2	....	5	3	3	....	3	
....	34	8	....	6	....	5	....	6	5	7	1	4	7	5	1	4	3	135
....	16	8	....	1	....	2	1	4	3	3	1	3	2	....	2	4	....	
....	13	6	3	....	....	4	....	1	2	2	2	1	2	....	3	3	2	136
....	2	1	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	
....	7	6	1	....	....	2	....	....	1	2	1	1	2	....	1	2	2	136A
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	
....	6	....	2	....	....	2	....	1	1	....	1	....	....	....	2	1	....	136B
....	1	1	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	
2	349	102	10	23	2	44	38	42	32	40	49	33	39	40	38	40	51	137
....	3	1	....	....	....	....	....	....	1	2	....	....	....	....	....	....	1	138
....	51	9	3	3	....	5	3	5	5	7	8	6	9	1	5	6	6	139
....	23	5	1	1	....	3	2	2	3	2	4	3	4	....	3	2	2	139A
....	24	4	1	2	....	2	....	2	1	5	3	3	5	1	1	4	4	139B
....	1	....	1	....	....	....	1	....	1	....	....	....	....	....	....	....	....	139C
....	3	....	....	....	....	....	....	1	....	....	1	....	....	....	1	....	....	139D

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE														
Total	..	254	....	12	11	....	....	....	40	184	5	....	..	1
140. Abortion with septic conditions	F	33	....	3	3	....	....	....	2	24	....	....	..	1
140A. Abortion	F	18	....	1	1	....	....	....	1	15	....	....	..	....
140B. Self-induced abortion	F	15	....	2	2	....	....	....	1	9	....	....	..	1
141. Abortion without mention of septic conditions (haemorrhage included)	F	10	....	....	....	....	....	....	1	8	....	....	....	..
141A. Abortion	F	8	....	....	....	....	....	....	1	7	....	....	....	....
141B. Self-induced abortion	F	2	....	....	....	....	....	....	....	1	....	....	....	....
142. Ectopic gestation	F	9	....	....	2	....	....	....	1	6	....	....	....	....
142A. With septic conditions	F	1	....	....	....	....	....	....	....	1	....	....	....	....
142B. Without mention of septic conditions	F	8	....	....	2	....	....	....	1	5	....	....	....	....
143. Other accidents of pregnancy (haemorrhage excluded)	F	3	....	....	1	....	....	....	....	2	....	....	....	....
144. Puerperal haemorrhage	F	25	....	....	1	....	....	....	4	19	1	....	....	....
144A. Placenta praevia	F	11	....	....	....	....	....	....	1	9	1	....	....	....
144B. Other haemorrhages	F	14	....	....	1	....	....	....	3	10	....	....	....	....
145. Puerperal septicaemia (not specified as due to abortion)	F	35	....	4	1	....	....	....	7	22	1	....	....	....
145A. Puerperal septicaemia and pyaemia	F	35	....	4	1	....	....	....	7	22	1	....	....	....
146. Puerperal albuminuria and eclampsia	F	56	....	1	2	....	....	....	15	38	....	....	....	....
147. Other toxaemias of pregnancy	F	15	....	2	1	....	....	....	4	7	1	....	....	....
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	F	47	....	2	....	....	....	....	3	40	2	....	....	....
148A. Phlegmasia alba dolens and thrombosis	F	6	....	....	....	....	....	....	....	6	....	....	....	....
148B. Embolism	F	22	....	1	....	....	....	....	2	17	2	....	....	....
148C. Sudden death	F	19	....	1	....	....	....	....	1	17	....	....	....	....
149. Other accidents of childbirth	F	19	....	....	....	....	....	....	3	16	....	....	....	....
149A. Caesarean operation	F	6	....	....	....	....	....	....	....	6	....	....	....	....
149B. Other surgical operations and instrumental delivery	F	2	....	....	....	....	....	....	1	1	....	....	....	....
149C. Dystocia	F	3	....	....	....	....	....	....	1	2	....	....	....	....
149D. Rupture of uterus in parturition	F	3	....	....	....	....	....	....	1	2	....	....	....	....
149E. Others under this title	F	5	....	....	....	....	....	....	....	5	....	....	....	..
150. Other or unspecified condition of the puerperal state	F	2	....	....	....	....	....	....	....	2	....	....	....	....
150B. Others under this title	F	2	....	....	....	....	....	....	....	2	....	....	....	....
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TOTAL TISSUE														
Total	..	49	8	2	5	1	2	....	....	3	4	9	....	15
	M	25	5	1	4	....	1	....	....	1	3	5	....	5
	F	24	3	1	1	1	1	....	....	2	1	4	....	10
151. Carbuncle	M	8	1	1	1	....	....	....	....	1	....	1	....	3
	F	3	1	....	....	....	....	....	....	....	1	....	....	1
152. Cellulitis, acute abscess	M	12	2	....	3	....	....	....	....	....	3	3	....	1
	F	7	1	1	1	....	....	....	....	2	....	1	....	1
153. Other diseases of the skin and annexa and of the cellular tissue	M	5	2	....	....	....	1	....	....	....	....	1	....	1
	F	14	1	....	....	1	1	....	....	....	....	3	....	8

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

Not stated	NATIVITY					MONTHS												
	Canada	British	Foreign		Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
			USA	Other														
1	210	23	3	17	1	12	26	30	21	20	18	21	24	19	22	18	23	
....	28	2	....	3	....	1	1	6	3	1	1	3	1	2	5	6	3	140
....	15	1	....	2	....	1	1	3	1	....	....	....	....	1	4	5	2	140A
....	13	1	....	1	....	....	....	3	2	1	1	3	1	1	1	1	1	140B
1	6	2	....	1	1	....	1	2	1	1	....	1	1	....	....	2	1	141
....	6	2	....	....	....	....	....	2	....	1	....	1	1	....	....	2	1	141A
1	....	....	....	1	1	....	1	....	1	....	....	....	....	....	....	....	....	141B
....	6	1	1	1	....	1	1	....	....	2	1	1	1	....	1	....	1	142
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	142A
....	5	1	1	1	....	1	1	....	....	2	1	1	1	....	1	....	....	142B
....	3	....	....	....	....	....	....	....	....	....	....	....	....	2	1	....	....	143
....	18	3	1	3	....	1	3	2	4	1	1	2	2	4	2	....	3	144
....	6	2	1	2	....	1	1	....	1	1	....	1	2	1	2	....	1	144A
....	12	1	....	1	....	....	2	2	3	....	1	1	....	3	....	....	2	144B
....	29	3	1	2	....	....	3	4	4	2	1	2	5	3	4	3	4	145
....	29	3	1	2	....	....	3	4	4	2	1	2	5	3	4	3	4	145A
....	46	8	....	2	....	5	7	6	4	7	2	4	8	4	3	3	3	146
....	14	....	....	1	....	....	4	3	1	....	1	2	....	1	3	....	....	147
....	44	2	....	1	....	2	2	7	3	4	8	6	6	1	2	1	5	148
....	5	....	....	1	....	....	....	1	1	....	....	3	....	....	....	....	1	148A
....	21	1	....	....	....	2	2	3	....	2	2	2	6	1	1	....	1	148B
....	18	1	....	....	....	....	....	3	2	2	6	1	....	....	1	1	3	148C
....	14	2	....	3	....	1	4	....	1	2	2	....	....	2	1	3	3	149
....	4	1	....	1	....	....	2	....	....	1	1	....	....	1	....	1	....	149A
....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	2	....	149B
....	3	....	....	....	....	1	....	....	....	....	1	....	....	....	1	....	....	149C
....	1	1	....	1	....	....	....	....	....	1	....	....	....	1	....	....	1	149D
....	5	....	....	....	....	....	2	....	1	....	....	....	....	....	....	....	2	149E
....	2	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	150
....	2	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	150B
....	35	10	1	3	....	2	7	3	6	9	1	7	2	2	3	4	3	
....	19	4	1	1	....	2	2	2	5	4	1	2	2	1	2	1	1	
....	16	6	....	2	....	....	5	1	1	5	....	5	....	1	1	3	2	
....	4	3	1	....	....	1	....	1	1	2	....	1	1	....	1	....	....	151
....	2	1	....	....	....	....	....	....	1	1	....	....	....	....	....	1	....	
....	10	1	....	1	....	....	2	1	4	2	....	1	1	....	1	....	....	152
....	7	....	....	....	....	....	2	....	....	3	....	1	....	....	....	1	....	
....	5	....	....	....	....	1	....	....	....	....	1	....	....	1	....	1	1	153
....	7	5	....	2	....	....	3	1	....	1	....	4	....	1	1	1	2	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
CLASS XIII.—DISEASES OF BONES AND ORGANS OF LOCOMOTION														
Total	...	82	13	6	8	6	9	.....	1	4	13	9	.....	13
	M	57	7	4	7	3	6	.....	1	4	10	8	.....	7
	F	25	6	2	1	3	3	.....	.....	.....	3	1	.....	6
154. Osteomyelitis	M	33	6	3	4	1	3	.....	1	3	5	3	.....	4
	F	10	4	.....	.....	1	.....	.....	.....	.....	1	.....	.....	4
155. Other diseases of the bones (tuberculosis excepted)	M	10	.....	.....	1	.....	3	.....	.....	1	2	1	.....	2
	F	5	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	2
156. Diseases of the joints and other organs of locomotion	M	14	1	1	2	2	.....	.....	.....	.....	3	4	.....	1
	F	10	2	2	1	2	1	.....	.....	.....	2	.....	.....	.....
156A. Of the joints (tuberculosis and rheumatism excepted)	M	8	.....	.....	.....	1	.....	.....	.....	.....	2	4	.....	1
	F	6	1	.....	1	1	1	.....	.....	.....	2	.....	.....	.....
156B. Of other organs of locomotion	M	6	1	1	2	1	.....	.....	.....	.....	1	.....	.....	.....
	F	4	1	2	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
CLASS XIV.—CONGENITAL MALFORMATIONS														
Total	...	538	503	17	6	3	.....	.....	.....	5	4	.....	.....	.....
	M	291	268	14	3	2	.....	.....	.....	1	3	.....	.....	.....
	F	247	235	3	3	1	.....	.....	.....	4	1	.....	.....	.....
157. Congenital malformations (stillbirths excluded)	M	291	268	14	3	2	.....	.....	.....	1	3	.....	.....	.....
	F	247	235	3	3	1	.....	.....	.....	4	1	.....	.....	.....
157A. Congenital hydrocephalus	M	37	33	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....
	F	20	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
157B. Spina bifida and meningocele	M	72	69	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	98	97	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
157C. Congenital malformations of the heart	M	104	93	7	1	.....	.....	.....	.....	.....	3	.....	.....	.....
	F	73	65	2	3	1	.....	.....	.....	1	1	.....	.....	.....
157D. Monstrosities	M	7	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	7	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
157E. Others under this title	M	71	66	4	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
	F	49	46	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....
CLASS XV—DISEASES OF EARLY INFANCY														
Total	...	1529	1529	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	M	901	901	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	628	628	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
158. Congenital debility	M	45	45	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	30	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
159. Premature birth	M	550	550	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	402	402	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
160. Injury at birth	M	161	161	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	95	95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
160A. With mention of caesarean operation	M	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	4	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
160B. Without mention of caesarean operation	M	157	157	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	91	91	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
161. Other diseases peculiar to early infancy (under 3 months)	M	145	145	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	101	101	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	62	14	2	4	....	4	12	4	9	7	8	3	5	6	10	4	10	
....	46	7	1	3	....	1	8	4	7	7	6	3	3	5	7	1	5	
....	16	7	1	1	....	3	4	....	2	....	2	....	2	1	3	3	5	
....	29	1	1	2	....	....	3	3	4	5	1	1	3	4	5	....	4	154
....	7	2	1	....	....	....	2	....	....	....	....	....	2	....	1	2	3	
....	7	2	....	1	....	1	4	....	....	....	2	2	....	....	....	....	1	155
....	3	2	....	....	....	1	....	....	1	....	1	....	....	....	....	....	2	
....	10	4	....	....	....	....	1	1	3	2	3	....	....	1	2	1	....	156
....	6	3	....	1	....	2	2	....	1	....	1	....	....	1	2	1	....	
....	5	3	....	....	....	....	1	....	3	1	....	....	....	....	2	1	....	156A
....	3	2	....	1	....	2	1	....	....	....	....	....	....	1	1	1	....	
....	5	1	....	....	....	....	....	1	....	1	3	....	....	1	....	....	....	156B
....	3	1	....	....	....	....	1	....	1	....	1	....	....	....	1	....	....	
....	527	4	2	3	2	65	47	36	34	45	41	39	36	50	52	45	48	
....	283	3	2	1	2	33	24	16	20	25	26	21	20	26	25	36	19	
....	244	1	....	2	....	32	23	20	14	20	15	18	16	24	27	9	29	
....	283	3	2	1	2	33	24	16	20	25	26	21	20	26	25	36	19	157
....	244	1	....	2	....	32	23	20	14	20	15	18	16	24	27	9	29	
....	36	....	....	....	1	5	4	3	1	4	5	2	2	2	1	3	5	157A
....	20	....	....	....	....	4	1	2	....	4	1	....	2	1	2	....	3	
....	72	....	....	....	....	8	3	1	7	7	4	4	7	4	9	14	4	157B
....	98	....	....	....	....	12	10	9	4	6	9	7	5	12	9	4	11	
....	100	3	1	....	....	11	11	6	7	7	11	8	7	9	11	10	6	157C
....	72	....	....	1	....	9	7	4	3	7	2	8	6	4	12	2	9	
....	7	....	....	....	....	2	2	....	1	2	....	....	....	....	....	....	....	157D
....	7	....	....	....	....	2	....	....	1	1	....	....	....	1	....	....	2	
....	68	....	1	1	1	7	4	6	4	5	6	7	4	11	4	9	4	157E
....	47	1	....	1	....	5	5	5	6	2	3	3	3	6	4	3	1	
....	1529	....	....	....	....	138	118	150	136	145	105	134	113	109	117	132	132	
....	901	....	....	....	....	77	63	83	96	81	70	82	74	67	56	72	80	
....	628	....	....	....	....	61	55	67	40	64	35	52	39	42	61	60	52	
....	45	....	....	....	....	7	5	2	6	6	....	2	1	2	4	5	5	158
....	30	....	....	....	....	....	2	3	1	1	6	3	4	3	2	3	2	
....	550	....	....	....	....	48	41	45	68	48	42	48	46	41	33	40	50	159
....	402	....	....	....	....	39	37	39	23	48	17	32	28	21	41	40	37	
....	161	....	....	....	....	9	12	19	9	12	16	15	19	11	15	15	9	160
....	95	....	....	....	....	12	8	13	7	7	5	7	....	9	9	12	6	
....	4	....	....	....	....	1	....	....	....	....	....	1	1	....	....	....	1	160A
....	4	....	....	....	....	....	....	....	....	....	....	1	....	1	1	1	....	
....	157	....	....	....	....	8	12	19	9	12	16	14	18	11	15	15	8	160B
....	91	....	....	....	....	12	8	13	7	7	5	6	....	8	8	11	6	
....	145	....	....	....	....	13	5	17	13	15	12	17	8	13	4	12	16	161
....	101	....	....	....	....	10	8	12	9	8	7	10	7	9	9	5	7	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Under 15	Single					Married					Widowed
				15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	
161A. Atelectasis	M	59	59											
	F	40	40											
161B. Icterus of the new-born	M	21	21											
	F	11	11											
161C. Sclerema and oedema	M	1	1											
	F	1	1											
161D. Athrepsia	M	3	3											
	F	1	1											
161E. Others, including lack of care	M	56	56											
	F	45	45											
161F. No cause given, no doctor in attendance	M	5	5											
	F	3	3											
CLASS XVI.—SENILITY														
Total		339					47	1				52		238
	M	141					16	1				32		91
	F	198					31					20		147
162. Senility	M	141					16	1				32		91
	F	198					31					20		147
162A. With senile dementia (70 years and over)	M	17					1	1				4		11
	F	31					7					6		18
162B. Without senile dementia (70 years and over)	M	124					15					28		80
	F	167					24					14		129
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS														
Total		2926	449	302	198	115	156		29	391	430	268	2	552
	M	1995	303	257	174	88	63		13	305	347	183	1	231
	F	931	146	45	24	27	93		16	86	83	85	1	321
163-171. Suicides	M	243		13	30	15	8		1	52	80	16	1	22
	F	97		7	11	5	3		4	28	23	1		14
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	M	25			2	1				7	9	2		3
	F	17		3	3	1			2	6	1			1
164. Suicide by poisonous gas	M	27		1	4		1			6	7			2
	F	20		2	1	2			1	7	3			3
165. Suicide by hanging or strangulation	M	73		1	5	8	2			14	29	4	1	8
	F	18			3		1			3	7			4
166. Suicide by drowning	M	21				1	1			4	11	2		2
	F	22		1	2	1	1		1	5	7	1		3
167. Suicide by firearms	M	70		7	12	3	3		1	18	15	5		5
	F	11			2					6	2			1
168. Suicide by cutting or piercing instruments	M	17		2	2	2	1			2	6	2		
	F	1		1										
169. Suicide by jumping from high places	M	10		1	3					1	2			2
	F	4					1				1			2
170. Suicide by crushing	M	3		1	2									
	F	1								1				
171. Suidice by other means	M	2									1	1		
	F	3				1					2			
173-175. Homicides	M	36	8	3	6		2			8	2	2		3
	F	19	4	2					4	6		1		2
173. Homicide by firearms	M	15	2	2	2					4		2		2
	F	7	1						1	3		1		1
174. Homicide by cutting or piercing instruments	M	3			1		1							
175. Homicide by other means	M	18	6	1	3		1			4	2			1
	F	12	3	2					3	3				1

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
....	59	....	....	....	....	5	2	5	4	1	3	7	7	7	....	8	10	161A
....	40	....	....	....	....	4	1	6	....	5	....	7	4	4	4	2	3	
....	21	....	....	....	....	1	1	3	2	5	3	4	....	....	....	1	1	161B
....	11	....	....	....	....	1	1	....	1	2	....	....	2	1	3	....	....	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	161C
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	
....	3	....	....	....	....	1	....	1	....	....	....	1	....	....	....	....	....	151D
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
....	56	....	....	....	....	5	2	8	6	7	6	5	1	4	4	3	5	161E
....	45	....	....	....	....	4	5	6	7	1	6	3	1	3	2	3	4	
....	5	....	....	....	....	1	....	....	1	2	....	....	....	1	....	....	....	161F
....	3	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	
1	267	58	10	4	....	33	27	27	31	25	30	24	23	27	27	30	35	
1	113	23	4	1	....	13	13	8	13	12	10	12	11	10	16	11	12	
....	154	35	6	3	....	20	14	19	18	13	20	12	12	17	11	19	23	
1	113	23	4	1	....	13	13	8	13	12	10	12	11	10	16	11	12	162
....	154	35	6	3	....	20	14	19	18	13	20	12	12	17	11	19	23	
....	14	1	1	1	....	....	3	1	5	1	....	1	1	1	3	....	1	162A
....	24	7	....	....	....	5	2	3	3	4	3	2	....	3	1	3	2	
1	99	22	3	....	....	13	10	7	8	11	10	11	10	9	13	11	11	162B
....	130	28	6	3	....	15	12	16	15	9	17	10	12	14	10	16	21	
34	2168	399	94	222	43	201	173	176	217	240	257	350	281	259	258	269	245	
30	1446	262	63	184	40	120	113	108	136	150	188	229	213	184	184	191	179	
4	722	137	31	38	3	81	60	68	81	90	69	121	68	75	74	78	66	
5	149	43	4	41	6	25	12	18	30	28	28	19	21	15	15	13	19	163–171
1	73	14	4	6	....	8	3	5	13	17	6	10	3	8	7	9	8	
1	18	5	....	1	1	4	1	2	2	4	1	4	3	2	2	....	....	163
....	15	1	....	1	....	....	2	1	2	2	1	1	1	3	2	....	2	
1	13	8	....	....	1	1	1	2	2	5	1	3	3	3	1	....	....	164
1	12	6	2	....	....	1	1	1	3	1	2	2	....	2	....	5	2	
1	37	11	1	23	1	7	5	7	14	6	11	1	3	5	2	4	8	165
....	13	2	1	2	....	4	....	2	3	2	....	3	1	....	1	1	1	
....	10	9	....	2	....	1	....	....	2	1	3	5	4	1	2	1	1	166
....	17	3	1	1	....	....	....	1	2	8	2	1	....	2	2	2	2	
1	53	3	2	10	2	9	3	6	8	7	8	5	4	4	8	3	5	167
....	9	2	....	....	....	2	....	....	1	1	1	2	1	....	2	....	1	
....	8	5	....	4	....	3	1	1	....	2	2	1	1	....	....	2	4	168
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	
1	7	2	....	....	1	....	1	....	2	2	2	....	1	....	....	2	....	169
....	3	....	....	1	....	....	....	....	1	2	....	1	....	....	....	....	....	
....	2	....	1	....	....	....	....	....	....	1	....	....	1	....	....	1	....	170
....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	
....	1	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	1	171
....	2	....	....	1	....	....	....	....	1	....	....	....	....	1	....	1	....	
2	24	3	....	7	2	2	3	3	....	1	7	7	4	4	3	....	2	173–175
....	15	....	2	2	....	2	3	2	2	4	....	1	....	1	2	....	2	
1	9	1	....	5	....	2	2	....	....	1	2	3	1	3	1	....	....	173
....	6	....	1	....	....	2	2	....	....	3	....	....	....	....	....	....	....	
1	1	....	....	2	....	....	....	....	....	....	1	....	2	....	....	....	....	174
....	14	2	....	....	2	....	1	3	....	....	4	4	1	1	2	....	2	175
....	9	....	1	2	....	....	1	2	2	1	....	1	....	1	2	....	2	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Single						Married					
			Under 15	15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	Widowed
176-198 Other violent deaths	M	1716	295	241	138	73	53	.....	12	245	265	165	.....	206
	F	815	142	36	13	22	90	.....	8	52	60	83	1	305
176. Attack by venomous animals	F	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
177. Food poisoning	M	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
	F	3	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....
178. Accidental absorption of toxic gases	M	27	4	3	2	2	2	.....	.....	5	2	4	.....	2
	F	5	.....	.....	.....	.....	1	.....	.....	2	1	.....	.....	1
179. Other acute accidental poisonings (except by gas)	M	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	12	7	.....	.....	.....	.....	.....	.....	2	1	1	.....	1
180. Conflagration	M	53	20	3	4	1	2	.....	.....	7	7	2	.....	7
	F	26	15	.....	.....	.....	.....	.....	1	6	1	.....	.....	2
181. Accidental burns (conflagration excepted)	M	46	18	6	5	2	.....	.....	1	1	8	2	.....	3
	F	29	14	1	.....	1	2	.....	.....	4	.....	2	.....	5
182. Accidental mechanical suffocation	M	53	44	1	1	.....	.....	.....	.....	2	2	2	.....	1
	F	31	29	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
183. Accidental drowning	M	236	79	57	20	6	1	.....	1	29	23	5	.....	11
	F	40	13	10	1	.....	2	.....	2	6	4	.....	.....	2
184. Accid-ntal injury by firearms	M	35	7	11	6	.....	.....	.....	1	4	3	1	.....	1
185. Accidental injury by cutting or piercing instruments	M	17	4	5	2	1	.....	.....	.....	3	.....	1	.....	1
	F	3	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....
186. Accidental injury by fall, crushing or landslide	M	1104	103	145	90	49	35	.....	9	164	197	133	.....	168
	F	603	54	22	10	17	81	.....	3	29	51	72	1	263
188. Injuries by animals	M	25	4	2	2	3	1	.....	.....	1	6	6	.....	.....
189. Hunger or thirst	M	3	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	1
190. Excessive cold	M	11	.....	.....	.....	2	2	.....	.....	1	2	.....	.....	3
	F	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
191. Excessive heat	M	9	.....	.....	.....	1	2	.....	.....	.....	.....	2	.....	4
	F	18	1	.....	1	.....	1	.....	.....	.....	1	4	.....	10
192. Lightning	M	3	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....
	F	3	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
193. Accidents due to electric currents	M	24	3	4	2	.....	.....	.....	.....	11	3	.....	.....	1
194. Other accidents	M	47	6	3	3	2	5	.....	.....	14	7	4	.....	2
	F	34	5	.....	1	2	3	.....	.....	.....	1	3	.....	19
194A. Foreign body	M	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	F	5	4	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
194B. Others under this title	M	45	4	3	3	2	5	.....	.....	14	7	4	.....	2
	F	29	1	.....	.....	2	3	.....	.....	.....	1	3	.....	19
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown	M	16	.....	.....	.....	3	.....	.....	.....	2	4	3	.....	1
	F	5	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
196. Wounds of war	M	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
198. Capital punishment	M	2	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH														
Total	...	63	18	3	3	4	3	.....	.....	3	6	9	.....	14
	M	40	9	3	2	3	2	.....	.....	1	3	8	.....	9
	F	23	9	.....	1	1	1	.....	.....	2	3	1	.....	5
199. Sudden death	M	19	2	1	.....	3	1	.....	.....	.....	2	5	.....	5
	F	11	3	.....	.....	1	1	.....	.....	1	1	.....	.....	4
200. Cause of death not specified or ill-defined	M	21	7	2	2	.....	1	.....	.....	1	1	3	.....	4
	F	12	6	.....	1	.....	.....	.....	.....	1	2	1	.....	1

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
23	1273	216	59	136	32	93	98	87	106	121	153	203	188	165	166	178	158	176–198
3	634	123	25	30	3	71	54	61	66	69	63	110	65	66	65	69	56	
....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	176
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	177
....	2	....	....	1	....	....	....	....	1	....	....	1	....	1	....	....	....	
1	22	1	1	2	1	5	2	2	1	....	2	2	....	5	4	2	2	178
....	5	....	....	....	....	1	1	1	....	....	....	....	....	1	....	1	....	
....	3	....	....	....	....	....	....	....	....	1	....	....	1	1	....	....	....	179
....	11	1	....	....	....	....	2	3	2	1	1	3	....	....	....	....	....	
....	45	3	1	3	1	6	6	5	6	1	1	1	1	2	2	10	12	180
....	21	3	....	2	....	2	4	2	4	1	....	....	1	....	2	6	4	
....	37	5	1	3	....	2	3	4	4	10	2	5	5	1	3	2	5	181
....	24	3	1	1	....	3	2	1	3	2	2	5	1	1	3	4	2	
....	48	1	1	3	....	6	5	5	3	2	4	....	3	4	5	7	9	182
....	30	1	....	....	....	1	2	2	5	4	1	....	2	....	6	3	5	
4	185	13	10	23	5	3	3	2	9	14	37	63	42	21	15	16	11	183
....	36	1	1	2	....	1	1	2	2	....	4	13	9	2	2	3	1	
1	29	3	....	2	1	3	1	....	2	2	3	....	5	3	2	8	6	184
....	16	1	....	....	....	3	....	2	1	....	1	1	4	2	2	1	....	185
....	3	....	....	....	....	....	1	....	....	....	1	1	....	....	....	....	....	
11	780	177	41	88	18	56	68	62	70	82	84	110	108	121	120	120	103	186
....	456	103	21	23	....	53	39	46	47	54	52	66	47	59	50	49	41	
....	23	....	2	....	....	2	....	2	....	2	3	3	5	2	2	2	2	188
....	1	....	....	1	1	1	....	....	....	....	1	....	1	....	....	....	....	189
1	9	....	....	1	1	2	4	....	....	....	....	....	....	....	....	2	3	190
....	2	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	
....	7	1	....	1	....	....	....	....	....	....	....	8	1	....	....	....	....	191
....	14	4	....	....	....	....	....	....	....	....	....	16	2	....	....	....	....	
....	3	....	....	....	....	....	....	....	....	....	....	1	1	1	....	....	....	192
....	3	....	....	....	....	....	....	....	....	3	....	....	....	....	....	....	....	
....	19	1	1	3	....	1	1	....	3	....	8	2	4	1	3	....	1	193
1	34	8	....	4	1	3	5	2	3	5	3	6	5	....	5	7	3	194
....	25	6	2	1	....	10	1	2	2	4	1	4	2	1	2	3	2	
2	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	194A
....	4	1	....	....	....	2	....	1	1	1	....	....	....	....	....	....	....	
1	32	8	....	4	1	3	5	2	3	4	3	6	5	....	4	7	3	194B
....	21	5	2	1	....	8	1	1	1	3	1	4	2	1	2	3	2	
3	12	1	....	....	3	....	....	1	3	2	4	....	2	1	1	1	1	195
3	1	1	....	....	3	....	1	1	....	....	....	1	1	1	....	....	....	
1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	196
....	....	1	....	1	....	....	....	....	1	....	....	1	....	....	....	....	....	198
....	57	3	1	2	....	3	7	2	8	9	4	3	7	2	2	7	9	
....	35	3	....	2	....	2	2	1	6	3	4	....	5	2	2	5	8	
....	22	....	1	....	....	1	5	1	2	6	....	3	2	....	....	2	1	
....	15	2	....	2	....	2	....	1	....	....	....	....	3	1	2	3	7	199
....	10	....	1	....	....	....	1	1	....	2	....	2	2	....	....	2	1	
....	20	1	....	....	....	....	2	....	6	3	4	....	2	1	....	2	1	200
....	12	....	....	....	....	1	4	....	2	4	....	1	....	....	....	....	....	

TABLE 38—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL CON

SPECIAL CLASSES OF

(Included also under the numbers

ONTARIO.

CAUSES OF DEATH	Sex	Total	CONJUGAL CONDITION											
			Under 15	Single					Married					Widowed
				15–24	25–44	45–64	65 and over	Age not stated	15–24	25–44	45–64	65 and over	Age not stated	
A. Accidents in mines and quarries	M	41	.....	5	7	.....	.....	.....	1	24	3	.....	.....	.....
B. Accidents caused by machines	M	55	3	9	6	4	.....	.....	1	10	15	4	.....	3
C. Railway accidents	M	81	5	12	6	5	1	.....	.....	8	31	.....	.....	8
	F	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
D. Street-car accidents	M	7	1	.....	.....	.....	1	.....	.....	.....	2	1	.....	2
	F	9	.....	.....	.....	1	3	.....	1	.....	1	.....	.....	3
E. Automobile and motorcycle accidents	M	567	83	93	57	27	11	.....	4	98	96	37	.....	55
	F	189	45	19	8	10	4	.....	3	28	29	13	.....	30
F. Other land transportation	M	22	4	3	2	.....	.....	.....	.....	2	4	4	.....	3
	F	3	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
G. Water transportation	M	65	8	18	11	1	.....	.....	1	15	7	1	.....	2
	F	5	.....	2	.....	.....	.....	.....	.....	2	1	.....	.....	.....
H. Air transportation	M	49	.....	23	13	.....	.....	.....	2	10	1	.....	.....	.....
	F	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

DITION, NATIVITY, AND MONTH OF DEATH—ONTARIO, 1940—Continued

ACCIDENTAL DEATHS

of the International List above)

1940

	NATIVITY					MONTHS												
			Foreign															
Not stated	Canada	British	USA	Other	Not stated	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
1	19	6	1	13	2	3	4	1	2	3	3	6	5	2	.....	7	5	A
....	42	9	1	3	....	1	2	8	2	6	4	10	8	3	7	3	1	B
5	49	15	4	8	5	4	8	5	6	3	10	9	13	3	7	6	7	C
....	1	1	.....	.....	....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	
....	7	.....	.....	.....	....	1	.....	.....	2	.....	1	.....	.....	.....	.....	1	2	D
....	8	1	.....	.....	....	1	2	.....	1	1	.....	1	.....	.....	1	1	1	
6	404	84	28	39	12	22	31	20	36	36	42	64	60	79	70	61	46	E
....	144	23	9	13	....	8	10	9	12	14	18	26	20	29	15	15	13	
....	16	5	.....	1	....	1	1	2	1	4	.....	2	5	.....	3	1	2	F
....	3	.....	.....	.....	....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	1	.....	
1	47	4	4	9	1	1	.....	.....	1	5	17	13	7	8	5	8	.....	G
....	3	.....	1	1	....	.....	.....	.....	.....	.....	2	2	1	.....	.....	.....	.....	
....	40	4	4	1	....	.....	.....	2	1	6	5	.....	.....	6	10	10	9	H
....	2	.....	.....	.....	....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora; incl. Patricia	Kent	Lambton
Total	15,745	72	187	249	447	247	288	183	159	280	269	354	227	168	177	514	243	80	228	345	572	143	383	389
CLASS I.—INFECTIOUS AND PARASITIC DISEASES																								
Total	1123	3	11	32	16	7	24	9	13	10	12	19	16	23	6	26	11	3	4	13	14	11	10	11
1. Typhoid fever	10	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	..	1
5. Undulant fever	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
7. Measles	20	..	1	..	1	..	1	..	..	..	..	1	..	..	..	..	..	1	..	1	1	..	..	..
8. Scarlet fever	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	2	..	..	..
9. Whooping-cough	22	1	..	..	..	..	2	..	1	..	..	1	1	2	..	..	2	1	..	..	..	..	..	..
10. Diphtheria	9	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..
11. Influenza	367	..	4	6	8	2	4	6	8	5	7	13	10	8	3	20	6	1	2	6	5	3	5	6
11A. Sole cause	28	..	..	..	..	..	2	..	2	..	..	2	1	1	..	..	1	..	..	3	..	2	..	1
11B. With bronchitis	23	..	..	..	2	..	..	..	..	1	..	1	1	..	..	1	1	..	..	..	1	..	..	1
11C. With pneumonia	165	..	4	2	2	..	..	6	2	2	3	6	3	2	2	10	3	..	1	2	3	1	1	1
11D. With other diseases of the respiratory system	20	..	..	..	..	..	..	..	..	..	1	1	..	2	..	1	..	..	..	..	1	..	..	2
11E. With intestinal complications	28	..	..	1	1	..	1	..	1	..	..	1	1	..	..	1	1	..	1	..	..	..	1	1
11F. With other causes	103	..	..	3	3	2	1	..	3	2	3	2	4	3	1	7	..	1	..	1	..	..	3	..
13. Dysentery	12	..	..	..	..	1	1	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..
15. Erysipelas	8	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
16. Poliomyelitis and polioencephalitis (acute)	4	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17. Lethargic or epidemic encephalitis	5	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..
18. Epidemic cerebrospinal meningitis	4	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
22. Tetanus	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
23–32. Tuberculosis	617	..	6	23	7	3	14	3	2	3	3	1	3	12	1	2	2	..	1	5	4	5	2	3
23. Tuberculosis of the respiratory system	560	..	5	21	6	2	10	3	2	2	2	1	2	10	1	2	2	..	1	5	4	2	2	1
24. Tuberculosis of the meninges and central nervous system	13	..	1	2	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..
25. Tuberculosis of the intestines and peritoneum	13	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..
26. Tuberculosis of the vertebral column	7	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
27. Tuberculosis of the bones and joints (vertebral column excepted)	3	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
27B. Of the joints	3	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30. Tuberculosis of the genito-urinary system	7	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1
32. Disseminated tuberculosis	12	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
32A. Acute	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
32C. Not specified	10	..	..	..	..	..	1	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..
34. Syphilis	32	..	..	2	..	1	..	..	..	..	1	1	1	..	1	..	1	..	1	..	1	..	2	1
35. Gonoccoccus infection and venereal diseases	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
36. Purulent infection, septicaemia (non-puerperal)	11	..	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..
38. Malaria	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
39. Other diseases due to protozoal parasites	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
42. Other diseases caused by helminths	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
43. Mycoses	3	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
44. Other infectious or parasitic diseases	5	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
44A. Chicken-pox	3	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
44C. Others under this title	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
309	319	115	286	121	560	255	205	244	260	295	315	291	177	319	174	190	202	80	294	129	535	198	289	131	269	175	264	266	421	394	1459	
14	24	4	22	30	69	60	7	12	6	7	18	25	6	10	13	23	5	14	12	15	38	13	18	12	33	11	19	10	11	111	147	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	1	...	...	...	...	...	...	...	1
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
1	...	...	...	1	1	...	...	...	...	...	...	...	...	1	...	...	1	...	1	...	3	...	1	2	...	...	...	...	...	...	1	7
...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	8
...	1	...	1	2	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1	2	...	...	1	...	...	1	...	...	...	9
...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	10
7	15	2	8	9	7	2	4	5	...	4	16	18	2	5	9	11	...	7	4	8	19	9	2	1	6	8	2	3	7	16	13	11
1	2	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	...	2	...	1	1	...	1	...	...	...	2	11A
...	1	...	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	1	...	2	4	...	...	...	1	...	...	...	1	1	...	11B
1	7	1	5	1	1	2	3	4	...	2	11	7	...	4	7	7	...	2	1	3	9	4	1	...	2	4	...	2	3	11	4	11C
...	1	...	...	...	...	...	...	1	...	...	...	3	...	...	...	...	...	...	1	1	1	1	...	...	...	...	...	1	...	1	1	11D
1	2	1	...	...	4	...	...	...	...	...	1	1	...	1	1	...	...	1	...	1	...	...	...	...	...	1	...	...	...	...	2	11E
4	2	...	2	8	2	...	...	...	...	2	4	7	...	...	1	3	...	2	2	1	5	2	1	...	2	3	1	...	3	3	4	11F
1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	3	...	1	...	...	...	...	...	...	...	...	13
...	1	...	...	...	...	1	...	1	...	...	...	...	...	1	...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	15
...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	17
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	18
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
4	5	1	12	15	61	56	..	2	5	2	1	3	1	3	4	8	3	6	3	3	8	2	10	7	23	3	16	3	2	94	124	23–32
4	4	1	11	13	58	56	..	2	3	2	1	3	1	2	2	8	3	6	2	3	8	1	8	6	21	3	15	2	2	93	109	23
...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	24
...	1	...	...	...	...	...	...	...	...	...	1	...	...	1	2	...	...	...	...	...	...	1	...	...	2	...	...	...	...	...	2	25
...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	26
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	27
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	27B
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	29
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	3	30
...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...	...	...	...	...	4	32
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	32A
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...	...	...	...	...	3	52C
...	...	1	1	...	...	...	1	3	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	1	2	...	...	2	1	1	4	34
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	35
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	2	1	...	...	...	...	1	...	...	...	...	...	2	36
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	38
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	39
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	42
...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	43
...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	44
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	44A
...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	44C

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton
CLASS II—CANCER AND OTHER TUMOURS																								
Total	1682	13	13	35	49	26	23	25	14	24	46	33	19	11	24	58	19	5	32	39	62	11	35	55
45–53. Cancer and other maliglignant tumours	1614	13	12	33	45	26	21	24	14	24	45	31	19	11	24	56	19	5	29	38	58	9	35	55
45. Cancer of the buccal cavity and pharynx	55	...	1	3	2	...	1	...	...	...	2	3	2	3	1	4	...	...	1	1	1	...	...	3
46. Cancer of the digestive tract and peritoneum	838	9	9	15	27	16	11	12	7	17	25	19	10	4	12	21	9	4	16	21	31	6	18	29
46A. Of the aesophagus	28	...	...	...	...	...	...	1	...	1	2	...	...	...	1	...	...	...	1	...	...	...	1	1
46B. Of the stomach and duodenum	329	1	4	7	9	7	5	4	3	5	9	8	6	3	4	11	1	1	7	8	9	2	5	6
46C. Of the rectum	84	1	...	...	5	1	1	2	...	3	1	4	1	...	...	1	1	...	...	2	1	...	3	6
46D. Of the liver and biliary ducts	99	3	1	2	2	1	1	1	3	...	4	3	...	...	2	...	3	1	3	4	6	1	1	3
46E. Of the pancreas	49	...	...	2	4	...	1	1	...	2	1	...	...	...	1	...	...	...	...	...	4	1	...	1
46F. Of the peritoneum	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
46G. Of other organs	244	4	4	4	7	7	3	3	1	6	8	4	3	1	4	9	4	2	5	7	11	2	8	11
47. Cancer of the respiratory organs	49	...	...	2	2	1	1	...	...	...	3	1	...	...	...	2	1	...	3	4	3	...	3	...
47A. Of the larynx	9	...	...	...	2	1	...	...	...	...	...	1	...	...	...	...	...	...	1	2	...	...	...	...
47B. Of the lung	29	...	...	1	...	...	...	...	...	...	2	...	...	...	...	2	...	...	1	2	3	...	3	...
47C. Of the mediastinum	5	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	1	...	...	...	...	...
47D. Of other organs of the respiratory system	6	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
48. Cancer of the uterus	111	...	...	3	4	2	2	2	3	...	5	1	3	...	1	4	1	...	4	2	5	...	1	5
48A. Of the uterus	61	...	...	3	4	...	...	1	1	...	4	1	1	...	1	2	1	...	2	1	2	...	1	3
48B. Of the cervix uteri	50	...	...	...	...	2	2	1	2	...	1	...	2	...	...	2	...	...	2	1	3	...	...	2
49. Cancer of other female genital organs	44	...	...	1	1	...	...	1	...	...	1	...	...	...	...	6	1	...	1	2	1	...	1	2
50. Cancer of the breast	191	...	1	6	4	4	...	4	...	3	4	3	1	2	4	9	1	...	2	...	5	...	4	7
51. Cancer of the male genito-urinary organs	147	2	1	...	3	1	3	3	1	2	2	1	2	...	3	2	3	1	1	2	7	2	3	3
51A. Of the bladder	29	...	1	...	...	...	1	...	1	...	...	...	...	...	1	...	...	...	1	...	1	1	...	...
51B. Of the kidney	10	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
51C. Of the prostate gland	98	2	...	...	3	1	1	2	...	2	2	1	2	...	2	2	3	1	...	2	6	...	2	1
51D. Of the testicles and annexa	7	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
51E. Of other male genito-urinary organs	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
52. Cancer of the skin	36	1	...	1	...	1	...	...	2	...	...	...	...	...	...	1	...	...	...	2	2	...	3	1
53. Cancer of other or unspecified organs	143	1	...	2	2	1	3	2	1	2	3	3	1	2	3	7	3	...	1	4	3	1	2	5
53A. Of the eye and orbit	4	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...
53C. Of the glandular system	24	...	...	...	...	1	...	1	...	...	...	...	...	1	2	1	1	...	...	1	1	...	...	2
53D. Of the female urinary organs	26	1	...	...	...	...	...	1	...	...	1	1	...	1	...	1	...	...	...	2	1	...	...	...
53E. Of the bones and joints	23	...	...	1	1	...	1	...	1	1	...	...	...	...	...	1	1	...	...	1	...	...	...	2
53F. Of the brain	18	...	...	...	...	...	1	...	...	...	2	2	1	...	1	...	1	...	...	...	1	...	...	...
53G. Of the spine and spinal cord	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
53H. Of the neck	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
53I. Of the abdomen	21	...	...	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1
53J. Of other specified organs	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...
53K. Multiple cancer	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
53M. Of unspecified or unknown location	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
54. Non-malignant tumours	54	...	...	...	4	...	2	...	...	...	1	1	...	...	...	1	...	...	3	...	4	1	...	...
54A. Of the ovary	13	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...
54B. Of the uterus	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
54D. Of the brain	12	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
54E. Of the thyroid gland	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...
54F. Of the prostate gland	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
54G. Of other or unspecified sites	7	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1	...	...	...
55. Tumours, nature not specified	14	...	1	2	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	1	...	1	...	...
55D. Of the brain	9	...	1	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...
55G. Of other or unspecified sites	5	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
33	23	21	33	10	62	16	19	17	23	24	44	34	20	47	18	20	23	8	37	17	49	17	25	6	21	20	40	28	46	28	182	
29	23	21	32	10	58	16	19	17	21	23	42	32	18	46	18	20	21	8	36	16	47	17	24	6	20	18	36	25	45	28	176	45–53
...	...	...	1	2	...	...	1	1	...	...	1	2	1	...	...	...	...	...	2	...	1	...	4	...	...	2	1	...	...	1	7	45
16	15	7	14	4	28	8	13	7	9	8	17	18	4	29	10	12	8	4	22	9	25	11	12	2	13	7	23	11	26	10	88	46
...	1	1	...	...	2	...	...	...	...	...	...	1	1	1	1	...	1	...	...	1	...	1	1	...	...	1	1	...	1	...	5	46A
6	5	4	6	1	8	4	6	4	...	4	8	10	1	13	3	4	2	3	10	4	10	4	8	1	3	2	13	8	17	6	26	46B
2	5	...	2	...	2	...	1	...	2	1	2	1	1	2	3	2	1	...	7	...	...	2	...	...	3	1	...	1	...	1	9	46C
1	...	...	1	1	5	2	2	1	...	1	...	3	1	5	1	2	1	1	3	3	2	2	1	...	1	...	4	...	1	1	8	46D
4	1	...	2	1	2	1	...	1	1	1	1	1	...	2	1	...	...	...	1	...	2	1	...	...	1	...	2	...	2	...	3	46E
...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	46F
3	3	2	2	1	9	1	4	1	6	1	5	2	...	6	1	4	3	...	1	1	11	1	2	1	4	3	3	2	5	2	36	46G
...	...	1	2	...	4	1	2	...	...	...	1	...	...	...	2	...	...	...	...	...	1	1	...	1	...	...	...	1	1	1	4	47
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	47A
...	...	1	2	...	2	...	2	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	1	...	...	...	1	1	...	3	47B
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	47C
...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	47D
...	2	5	3	...	4	1	...	...	2	...	3	...	1	3	2	3	1	1	1	3	5	...	1	1	1	1	...	1	4	3	11	48
...	1	4	...	...	2	1	...	...	1	...	2	...	...	1	1	3	1	...	...	2	3	...	1	...	...	...	...	...	3	1	6	48A
...	1	1	3	...	2	...	...	...	1	...	1	...	1	2	1	...	...	1	1	1	2	...	...	1	1	1	...	1	1	2	5	48B
1	...	1	...	...	1	...	...	...	3	1	1	2	2	2	...	...	1	1	...	...	1	...	...	...	...	1	...	...	1	...	7	49
4	3	1	6	1	9	5	1	3	3	3	4	5	4	5	...	2	6	1	6	2	5	1	2	1	2	2	5	4	6	5	20	50
4	2	2	4	2	7	1	1	4	...	7	4	...	2	3	4	2	3	...	2	...	8	...	2	1	2	5	3	4	2	4	14	51
...	...	...	1	...	...	...	...	...	...	3	1	...	1	2	...	...	1	...	1	...	3	...	1	...	1	...	2	2	...	1	2	51A
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	51B
3	2	1	3	2	6	1	1	4	...	4	3	...	1	...	3	2	2	...	1	...	5	...	1	1	...	5	1	1	2	2	6	51C
...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	51D
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	51E
2	...	...	...	1	...	...	...	...	1	...	2	...	...	1	...	...	...	...	1	...	...	1	1	...	...	...	1	1	4	2	4	52
2	1	4	2	...	5	...	1	2	3	4	9	5	4	3	...	1	2	1	2	2	1	3	2	...	2	...	3	3	1	2	21	53
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	53A
...	...	2	...	...	1	...	...	...	1	...	2	2	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	3	53C
...	1	...	...	...	...	...	...	1	...	2	2	1	3	2	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	1	2	53D
...	...	...	1	...	1	...	1	...	...	2	1	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	4	53E
1	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	3	53F
...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	1	1	...	...	...	53G
1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	53H
...	...	...	...	...	2	...	...	...	...	...	2	2	...	...	...	1	...	...	1	...	...	2	...	...	1	...	1	1	...	1	2	53I
...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1	...	...	...	1	53J
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	53K
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	53M
2	...	...	1	...	3	...	...	...	...	1	2	2	2	1	...	...	1	...	1	1	2	...	1	...	1	2	4	3	1	...	6	54
...	...	...	1	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	1	54A
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	...	54B
1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	4	54D
...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	...	...	...	...	1	...	1	1	...	1	54E
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	54F
1	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	54G
2	...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	55D
1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	55G

TABLE 39—CAUSES OF DEATH FOR COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENROCRINE GLANDS AND OTHER GENERAL DISEASES																								
Total	407	2	2	6	11	5	10	3	3	8	6	8	7	2	7	15	8	6	7	12	15	1	3	6
56. Acute rheumatic fever	60	...	1	1	...	1	3	...	...	1	1	2	...	1	1	3	...	3	...	2	2	...	...	...
57. Chronic rheumatism, osteo-arthritis	18	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1	...	1	...	1	...	1	1
59. Diabetes mellitus	224	1	...	4	6	3	4	3	1	6	3	5	5	...	4	6	7	2	4	8	8	1	1	3
63. Rickets	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
65. Diseases of the pituitary gland	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
66. Diseases of the thyroid and parathyroid glands	71	...	1	1	2	1	2	...	1	1	2	...	2	1	2	4	...	...	...	2	3	...	1	1
66A. Simple goitre	8	...	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...
66B. Exophthalmic goitre	55	...	...	1	1	1	2	...	1	...	1	...	2	1	2	4	...	...	...	1	3	...	...	1
66C. Myxoedema, cretinism	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
66D. Tetany	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
66E. Others under this title	3	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
67. Diseases of the thymus gland	26	1	...	...	2	...	...	...	...	...	...	1	...	...	...	1	...	1	1	...	...	...	...	1
68. Diseases of the adrenals (Addison's disease)	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
69. Other general diseases	2	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
69A. Fatty or amyloid degeneration	2	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS																								
Total	226	...	...	1	7	...	4	1	3	3	...	10	...	5	1	8	8	...	2	6	16	...	12	5
70. Haemorrhagic conditions	6	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
70A. Simple purpura	5	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
70B. Haemophilia	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
71. Anaemia	144	...	...	1	5	...	2	1	1	3	...	8	...	3	...	7	3	...	1	5	11	...	12	3
71A. Pernicious anaemia	132	...	...	1	5	...	1	...	1	3	...	7	...	3	...	6	3	...	1	4	11	...	11	3
71B. Others under this title	12	...	...	...	...	...	1	1	...	...	...	1	...	...	...	1	...	...	...	1	...	...	1	...
72. Leukaemia and aleukaemia	68	...	...	...	1	...	2	...	2	...	...	2	...	2	1	1	4	...	1	...	5	...	...	2
72A. Leukaemia	50	...	...	...	1	...	2	...	1	...	...	1	...	1	1	1	2	...	...	...	4	...	...	2
72B. Aleukaemia (Hodgkin's disease)	18	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...	2	...	1	...	1	...	...	...
73. Diseases of the spleen	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
74. Other diseases of the blood and blood-forming organs	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS																								
Total	14	...	...	...	...	...	3	...	...	1	...	1	...	...	...	...	1	...	...	1	...	...	...	...
75. Alcoholism	13	...	...	...	...	...	3	...	...	1	...	1	...	...	...	...	1	...	...	1	...	...	...	...
75A. Delirium tremens	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
75B. Other alcoholic intoxications	12	...	...	...	...	...	3	...	...	1	...	1	...	...	...	...	1	...	...	1	...	...	...	...
76. Chronic poisoning, by other organic substances	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
76D. Other organic poisoning	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE																								
Total	824	1	7	14	18	14	10	6	8	16	10	16	19	15	13	37	10	5	8	16	21	6	21	16
78. Encephalitis (non-epidemic)	8	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...
79. Simple meningitis	15	...	...	...	1	...	...	2	...	1	...	1	...	1	...	...	...	...	...	...	...	1	...	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
5	9	3	6	2	19	4	10	11	7	16	9	9	3	12	2	4	6	2	6	1	15	7	3	5	6	2	10	8	12	4	36	
...	...	1	1	..	1	1	2	1	...	2	1	..	..	2	..	2	1	..	...	..	3	2	2	..	1	..	3	2	3	...	7	56
...	...	1	...	1	1	..	..	...	...	...	1	1	..	2	1	1	..	1	...	..	...	..	..	..	..	..	1	...	...	...	..	57
3	8	1	2	1	13	3	4	8	6	7	6	3	3	6	..	..	5	1	2	..	8	3	1	3	4	1	3	5	6	3	20	59
1	...	..	...	..	...	..	1	...	...	...	...	..	..	...	..	..	..	..	1	..	...	..	..	..	..	..	...	...	...	...	..	63
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	1	..	65
1	1	..	3	..	4	..	..	1	1	4	1	4	..	2	1	1	..	..	3	1	4	2	..	1	..	1	1	...	3	...	4	66
1	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	1	..	...	1	..	..	..	..	...	...	...	...	1	66A
...	1	..	3	..	3	..	..	...	1	4	1	3	..	1	1	1	..	..	2	1	3	1	..	..	..	1	1	...	3	...	3	66B
...	...	..	...	..	1	..	..	1	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	..	66C
...	...	..	...	..	...	..	..	...	...	...	...	1	..	...	..	..	..	..	...	..	...	..	..	1	..	..	...	...	...	...	..	66D
...	...	..	...	..	...	..	..	...	...	...	...	..	..	1	..	..	..	..	...	..	1	..	..	..	..	..	...	...	...	...	..	66E
...	...	..	...	..	...	..	3	1	...	3	...	1	..	...	..	..	..	..	...	..	...	..	..	1	1	..	2	1	...	...	5	67
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	..	68
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	..	69
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	69A
6	10	1	6	1	8	5	4	2	6	3	4	3	3	7	1	4	4	..	...	..	8	2	4	..	..	6	3	4	7	2	20	
...	...	..	...	..	...	..	..	...	...	...	...	1	..	...	..	1	..	..	...	..	1	..	..	..	..	1	1	...	...	...	..	70
...	...	..	...	..	...	..	..	...	...	...	...	1	..	...	..	..	..	..	...	..	1	..	..	..	..	1	1	...	...	...	..	70A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	1	..	..	...	..	...	..	..	..	..	..	...	...	...	...	..	70B
2	6	1	3	..	6	3	1	2	4	2	4	2	1	4	1	2	4	..	...	..	6	1	1	..	..	3	1	2	4	1	11	71
2	6	1	3	..	5	3	1	2	4	2	4	2	..	4	1	2	4	..	...	..	6	..	1	..	..	2	1	2	4	1	9	71A
...	...	..	...	..	1	..	..	...	...	...	...	..	1	...	..	..	..	..	...	..	...	1	..	..	..	1	...	...	...	...	2	71B
4	3	..	3	1	2	2	3	...	1	1	...	..	2	2	..	1	..	..	...	..	1	1	3	..	..	2	1	2	3	1	6	72
3	2	..	3	1	1	2	3	...	1	...	...	..	1	2	..	..	..	..	...	..	1	1	3	..	..	1	...	1	3	1	4	72A
1	1	..	...	..	1	..	..	...	...	1	...	..	1	...	..	1	..	..	...	..	...	..	..	..	..	1	1	1	...	...	2	72B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	3	73
...	1	..	...	..	...	..	..	...	1	...	...	..	..	1	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	..	74
...	1	..	1	..	...	..	..	...	...	1	...	..	..	...	..	..	..	..	1	..	1	..	..	..	..	..	...	...	...	...	2	
...	1	..	1	..	...	..	..	...	...	1	...	..	..	...	..	..	..	..	1	..	...	..	..	..	..	..	...	...	...	...	2	75
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	1	75A
...	1	..	1	..	...	..	..	...	...	1	...	..	..	...	..	..	..	..	1	..	...	..	..	..	..	..	...	...	...	...	1	75B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	...	...	...	...	...	76
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	...	...	...	...	..	76D
13	39	2	11	4	38	12	10	14	22	22	20	10	6	17	4	12	7	3	17	3	39	13	7	6	10	5	18	5	29	43	56	
...	...	..	...	..	...	..	..	...	...	1	1	2	..	...	..	1	..	..	...	..	1	..	..	..	..	..	...	...	...	...	..	78
...	...	..	...	..	...	..	..	...	...	1	...	..	..	1	..	1	..	..	...	..	...	..	2	..	1	..	...	...	...	...	2	79

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton
80. Progressive locomotor ataxia (tabes dorsalis)...	5	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
81. Other diseases of the spinal cord	48	1	1	1	3	...	1	1	1	2	1	...	1	1	1	3	...	1	...	...	2	..	1	1
82. Cerebral haemorrhage, cerebral embolism and thrombosis	430	..	3	8	10	10	3	1	4	2	7	10	3	11	8	20	5	2	5	10	15	2	15	9
82A. Cerebral haemorrhage...	344	..	3	8	7	8	1	1	4	1	5	8	...	9	7	16	4	2	2	8	14	2	12	7
82B. Cerebral embolism and thrombosis	41	..	..	..	2	2	1	..	..	...	2	2	3	..	1	3	...	...	...	1	...	...	...	1
82C. Softening of the brain...	5	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
82D. Hemiplegia and other paralysis, cause not specified	40	..	..	..	1	...	1	..	..	1	...	...	...	2	..	1	1	..	3	1	1	..	3	1
83. General paralysis of the insane	31	..	..	1	1	...	..	..	..	2	...	...	1	..	..	...	...	1	...	...	...	..	...	...
84. Dementia praecox and other psychoses	89	..	..	1	1	...	..	..	..	...	...	...	14	..	..	...	...	..	...	2	...	..	...	...
84A. Dementia praecox	78	..	..	1	...	...	..	..	..	...	...	...	14	..	..	...	...	..	...	...	...	..	...	...
84B. Other psychoses	11	..	..	..	1	...	..	..	..	...	...	...	...	..	..	...	...	..	...	2	...	..	...	...
85. Epilepsy	49	..	1	..	...	2	1	..	..	3	...	1	...	..	..	2	1	..	...	...	3	1	...	2
86. Convulsions (under 5 years of age)	18	..	..	..	...	...	1	..	2	...	...	1	...	..	..	...	...	..	...	...	...	2	...	1
87. Other diseases of the nervous system	120	..	2	3	2	2	1	4	1	5	2	1	...	2	3	11	3	1	3	3	1	..	5	3
87A. Chorea	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	..
87B. Neuralgia and neuritis..	7	..	1	..	...	...	..	..	..	...	...	...	...	..	..	1	1	..	...	...	...	..	...	...
87C. Paralysis agitans	49	..	1	1	...	...	..	1	..	3	1	...	...	2	1	5	2	1	2	3	1	..	1	..
87D. Sclerosis (other than of the spinal cord)	40	..	..	2	1	1	..	3	1	1	...	...	...	..	2	4	...	..	1	...	...	..	1	2
87E. Others under this title..	23	..	..	..	1	1	1	..	..	1	1	1	...	..	..	1	...	..	...	...	...	..	2	1
88. Diseases of the organs of vision	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
89. Diseases of the ear and mastoid process	10	..	..	..	...	...	1	..	..	1	...	2	...	..	..	1	1	..	...	...	...	..	...	...
89A. Otitis	7	..	..	..	...	...	1	..	..	1	...	2	...	..	..	...	1	..	...	...	...	..	...	...
89B. Diseases of the mastoid process	3	..	..	..	...	...	..	..	..	...	...	...	...	..	..	1	...	..	...	...	...	..	...	...
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																								
Total	6357	28	69	93	203	119	49	78	65	122	123	143	101	59	72	223	104	28	115	148	250	31	172	172
90–95. Diseases of the heart.	3729	20	52	53	128	72	33	39	37	49	69	84	63	40	31	139	43	15	66	97	140	19	108	78
90. Pericarditis	4	..	..	..	...	...	..	..	3	...	...	...	...	..	..	...	...	..	...	...	...	..	...	.
91. Acute endocarditis	37	..	..	..	1	1	..	..	..	...	1	1	...	..	..	...	1	..	...	...	...	2	1	2
91A. Endocarditis specified as acute	30	..	..	..	...	1	..	..	..	...	...	...	...	..	..	1	...	..	...	...	...	2	..	2
91B. Endocarditis unspecified (under 45 years of age).	7	..	..	..	1	...	..	..	..	...	...	1	1	..	..	...	...	..	...	...	...	..	1	...
92. Chronic endocarditis, valvular diseases	490	2	13	11	19	4	3	4	7	6	4	8	8	21	4	8	7	1	10	10	17	4	9	6
92A. Endocarditis specified as chronic and other valvular diseases	411	1	12	9	19	3	3	4	6	5	3	8	8	16	4	5	4	1	9	9	14	4	8	5
92B. Endocarditis, unspecified (45 years and over).	79	1	1	2	...	1	..	..	1	1	1	...	...	5	..	3	3	..	1	1	3	..	1	1
93. Diseases of the myocardium	1243	9	18	15	44	35	12	8	17	15	25	25	26	7	7	65	7	4	24	42	50	2	35	25
93A. Acute myocarditis	40	1	..	1	...	...	..	..	..	1	2	...	...	2	..	1	..	..	1	1	...	..	1	1
93B. Myocarditis, unspecified (under 45 years of age)	10	..	..	..	...	..	..	..	1	...	...	..	..	..	..	..	..	..	...	...	...	..	...	...
93C. Chronic myocarditis and myocardial degeneration	725	2	7	12	21	15	6	6	7	9	11	12	21	1	7	40	4	1	11	26	35	2	26	14
93D. Myocarditis, unspecified (45 years and over)	468	6	11	2	23	20	6	2	9	5	12	13	5	4	.	24	3	3	12	15	15	..	8	10
94. Diseases of the coronary arteries and angina pectoris	1803	8	21	26	60	32	14	26	9	28	36	46	28	10	19	64	27	10	30	39	61	11	60	45
94A. Diseases of the coronary arteries	73		2	2	1	..		4	..	1	3	2	..	1	..	2	1	..	1	1	..	..	1	4
94B. Embolism and thrombosis of the coronary arteries	1533	6	11	23	57	29	13	21	9	21	31	38	26	5	18	61	21	7	29	34	53	10	47	39
94C. Angina pectoris	197	2	8	1	2	3	1	1	..	6	2	6	2	4	1	1	5	3	..	4	8	1	12	2
95. Other diseases of the heart	152	1	..	1	4	..	4	1	1	..	3	4	1	2	1	2	1	..	2	6	12		3	...
95A. Functional diseases of the heart	38	..	..	..	1	...	..	..	..	...	2	...	...	..	1	1	...	..	...	1	1		1	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	...	..	...	..	1	..	..	...	...	...	...	1	..	1	..	..	..	..	...	..	...	1	..	..	..	..	...	...	1	...	..	80
2	...	..	4	..	2	1	..	...	1	1	1	..	1	1	..	1	..	..	2	..	3	2	..	..	..	..	...	...	1	...	2	81
8	6	2	6	4	16	9	8	7	17	16	11	5	5	11	2	7	5	1	13	2	10	8	4	3	5	4	17	2	18	3	32	82
5	2	2	5	4	14	5	6	7	15	11	9	4	4	10	1	7	5	1	13	1	9	7	4	3	5	3	11	1	14	2	25	82A
3	2	..	1	..	...	2	..	...	2	3	2	..	..	...	..	..	..	..	...	..	1	..	..	..	..	1	1	1	1	...	3	82B
...	...	..	...	..	...	..	2	...	...	...	...	..	..	1	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	1	1	82C
...	2	..	...	..	2	2	..	...	...	2	...	1	1	...	1	..	..	..	...	1	...	1	..	..	..	..	5	...	3	...	3	82D
...	9	..	...	..	3	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	1	1	..	...	...	1	7	2	83
...	19	..	...	..	9	..	..	1	...	...	1	..	..	...	..	..	..	..	1	..	3	1	..	1	..	..	...	...	1	31	3	84
...	16	..	...	..	9	..	..	...	...	...	...	..	..	...	..	..	..	..	1	..	2	1	..	1	..	..	...	...	...	31	2	84A
...	3	..	...	..	...	..	..	1	...	...	1	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	...	...	1	...	1	84B
...	3	..	1	..	4	..	1	2	1	1	...	..	..	...	1	..	1	..	1	1	12	..	..	..	..	..	...	2	...	...	1	85
1	...	..	...	..	...	..	..	...	1	...	...	1	..	...	1	..	..	1	...	..	...	1	..	..	1	1	...	...	1	...	2	86
2	2	..	...	..	3	2	1	4	2	2	6	1	..	2	..	2	1	1	...	..	9	..	..	1	1	..	...	1	6	2	11	87
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	..	87A
...	...	..	...	..	...	..	..	...	1	...	...	..	..	...	..	..	..	..	...	..	2	..	..	..	..	..	...	...	...	...	1	87B
1	1	..	...	..	2	1	1	2	...	2	2	1	..	...	..	..	1	1	...	..	2	..	..	..	..	..	...	1	2	2	2	87C
1	...	..	...	..	1	..	..	2	...	...	3	..	..	2	..	2	..	..	...	..	...	..	..	..	..	..	...	...	3	...	7	87D
...	1	..	...	..	...	1	..	...	1	...	1	..	..	...	..	..	..	..	...	..	5	..	..	1	1	..	...	...	1	...	1	87E
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	...	...	...	...	...	88
...	...	..	...	..	...	..	..	...	...	...	...	..	..	1	..	..	..	..	...	..	...	..	..	..	1	..	1	...	...	...	1	89
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	1	..	1	...	...	...	...	89A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	1	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	1	89B
144	134	59	130	28	212	81	53	114	106	150	115	93	81	155	92	59	93	14	122	39	221	69	88	39	76	83	113	120	169	126	612	
81	72	33	76	18	131	53	27	57	60	87	73	46	49	80	60	39	58	12	74	21	114	41	60	32	48	56	60	70	105	72	389	90–95
...	...	..	...	..	...	..	..	...	...	1	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	90
1	...	..	...	..	1	..	..	...	...	1	2	2	..	...	1	1	..	..	1	..	2	..	..	..	1	..	2	...	2	1	9	91
1	...	..	...	..	1	..	..	...	...	1	2	2	..	...	1	..	..	..	1	..	2	..	..	..	1	..	1	...	2	1	8	91A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	1	..	..	...	..	...	..	..	..	..	..	1	...	...	...	1	91B
7	15	10	4	3	15	3	3	5	6	16	8	4	8	4	7	2	10	2	22	4	20	10	7	1	9	7	5	6	22	12	47	92
5	12	8	3	3	11	1	2	4	6	15	4	3	8	4	7	1	5	2	12	4	18	8	7	1	8	6	4	6	20	11	42	92A
2	3	2	1	..	4	2	1	1	...	1	4	1	..	...	..	1	5	..	10	..	2	2	..	..	1	1	1	...	2	1	5	92B
45	16	8	30	11	46	21	9	17	21	16	23	13	10	39	27	23	14	..	28	6	31	22	25	3	15	15	17	15	42	21	97	93
1	2	..	2	2	3	1	..	...	...	1	1	..	1	1	..	2	..	..	...	..	1	3	1	..	..	1	1	...	1	2	1	93A
1	...	..	1	..	...	..	1	...	...	...	...	..	..	...	..	..	..	..	...	..	1	..	2	..	2	..	...	...	1	...	...	93B
22	14	7	14	7	18	18	7	10	12	12	17	8	6	30	21	15	2	..	15	4	20	1	11	3	9	10	8	7	21	12	68	93C
21	...	1	13	2	25	2	1	7	9	3	5	5	3	8	6	6	12	..	13	2	9	18	11	..	4	4	8	8	19	7	28	93D
26	38	15	38	4	62	28	12	34	30	45	39	25	30	27	24	12	28	7	23	10	58	9	26	28	15	34	34	46	35	36	215	94
...	...	..	1	1	4	1	..	...	1	4	4	1	1	1	..	..	2	..	2	1	...	1	..	12	..	..	2	...	...	1	7	94A
26	36	10	33	3	46	24	11	32	23	39	27	21	25	24	21	7	22	7	19	6	49	6	23	15	14	27	31	40	31	34	192	94B
...	2	5	4	..	12	3	1	2	6	2	8	3	4	2	3	5	4	..	2	3	9	2	3	1	1	7	1	6	4	1	16	94C
2	3	..	4	..	7	1	3	1	3	8	1	2	1	10	1	1	6	3	...	1	3	..	2	..	8	..	2	3	4	2	21	95
1	1	..	...	..	1	..	1	1	...	2	...	..	..	4	..	..	1	..	...	1	1	..	1	..	2	..	1	1	1	1	9	95A

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton
95B. Other and unspecified	114	1	...	1	3	...	4	1	1	...	1	4	1	2	...	1	1	...	2	5	11	...	2	...
96. Aneurysm (except of the heart)	17	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
97. Arteriosclerosis (of coronary arteries excepted)	2154	7	14	33	63	41	7	38	21	62	48	52	32	14	35	77	48	10	43	38	87	11	52	79
98. Gangrene	46	...	...	1	5	1	...	...	...	...	...	...	...	2	1	...	4	...	...	...	3	...	...	2
99. Other diseases of the arteries	23	...	...	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	9	...	...	2
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	23	...	...	...	...	1	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	2	3
101. Diseases of the lymphatic system (lymphangitis, etc.)	3	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...
102. Idiopathic abnormalities of blood pressure	359	1	3	4	6	3	8	1	7	10	6	6	5	3	4	6	9	3	6	12	11	1	9	8
103. Other diseases of the circulatory system	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																								
Total	937	1	10	10	25	13	21	9	10	20	13	17	19	16	14	37	15	7	16	18	38	12	25	18
104. Diseases of the nasal fossae and annexa	5	...	...	...	...	...	1	1	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...
105. Diseases of the larynx	6	...	...	...	...	...	...	...	...	...	1	1	...	...	1	1	...	...	...	1	...	...	...	...
105A. Croup	3	...	...	...	...	...	...	...	...	...	...	1	...	...	1	1	...	...	...	...	...	...	...	...
105B. Other diseases of the larynx	3	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...
106. Bronchitis	54	...	...	2	3	...	...	1	1	2	1	...	...	4	1	3	...	...	1	...	2	...	1	4
106A. Acute	13	...	...	2	2	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	1	...	...	...
106B. Chronic	25	...	...	...	1	...	...	1	...	1	...	...	...	1	1	2	...	...	1	...	1	...	1	4
106C. Unspecified	16	...	...	...	...	...	...	...	1	1	...	...	...	2	...	1	...	...	...	...	...	...	...	...
107. Bronchopneumonia	389	1	6	4	9	5	9	4	2	7	6	5	15	3	...	13	5	7	10	11	19	3	11	4
107A. Bronchopneumonia	389	1	6	4	9	5	9	4	2	7	6	5	15	3	...	13	5	7	10	11	19	3	11	14
108. Lobar pneumonia	212	...	1	3	4	7	6	2	2	7	4	3	2	4	5	6	3	...	2	2	10	1	4	6
109. Pneumonia, unspecified	119	...	...	...	2	1	1	...	1	1	...	6	...	2	4	5	5	...	...	2	1	8	5	2
110. Pleurisy	16	...	...	...	1	...	1	...	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
111. Congestion and haemorrhagic infarct of the lung, etc.	40	...	...	...	...	...	1	...	1	1	...	...	1	...	1	5	...	...	1	...	1	...	1	1
111A. Pulmonary embolism and thrombosis	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1
111B. Others under this title	36	...	...	...	...	...	1	...	1	1	...	...	1	...	1	4	...	...	1	...	1	...	1	...
112. Asthma	82	...	2	1	4	...	2	...	2	1	1	2	1	1	1	4	1	...	1	2	4	...	2	1
113. Pulmonary emphysema	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
114. Other diseases of the respiratory system (tuberculosis excepted)	13	...	1	...	2	...	...	1	...	...	...	...	...	1	...	...	...	...	1	...	1	...	1	...
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	3	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...
114C. Others under this title	10	...	1	...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																								
Total	566	3	12	7	22	4	18	12	3	5	8	11	3	7	2	17	5	3	6	5	26	5	18	16
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	60	...	1	...	1	...	3	1	1	1	2	1	...	...	...	2	...	1	1	...	4	...	1	1
115A. Diseases of the buccal cavity and annexa	24	...	1	...	1	...	2	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1
115B. Diseases of the tonsils	10	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...
115C. Others under this title	26	...	...	...	...	...	...	...	1	...	1	1	...	...	...	2	...	...	1	...	3	...	1	...
116. Diseases of the oesophagus	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
117. Ulcer of the stomach or duodenum	90	...	2	1	3	...	...	1	...	1	...	3	...	1	...	3	...	...	1	3	7	1	5	4
117A. Ulcer of the stomach	50	...	1	1	2	...	...	1	...	...	...	2	...	1	...	2	...	...	1	1	5	...	2	3
117B. Ulcer of the suodenum	40	...	1	...	1	...	...	...	...	1	...	1	...	...	...	1	...	...	...	2	2	1	3	1
118. Other diseases of the stomach	18	...	1	...	2	...	...	...	...	...	1	1	...	...	...	1	...	...	...	1	1	...	1	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
1	2	...	4	...	6	1	2	...	3	6	1	2	1	6	1	1	5	3	...	...	2	...	1	...	6	...	1	2	3	1	12	95B
...	...	...	2	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	2	...	2	...	...	...	1	1	...	...	3	...	1	96
57	60	24	40	10	71	17	17	53	35	51	33	31	28	62	22	18	31	2	34	16	90	21	16	6	22	22	50	44	46	49	164	97
2	1	...	1	...	1	...	1	...	2	3	...	1	...	1	...	2	...	...	...	...	1	1	...	...	1	1	...	...	3	1	4	98
...	...	...	...	...	1	...	...	2	2	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	1	99
...	...	...	2	...	3	1	...	...	...	1	...	...	...	1	...	...	...	...	...	1	...	...	1	1	...	...	...	1	1	1	...	100
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	101
3	1	2	9	...	5	10	8	2	6	8	9	14	4	10	10	...	4	...	11	1	13	6	10	...	4	3	3	5	11	3	52	102
1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	103
14	21	5	19	5	29	12	20	12	11	20	13	21	8	20	8	10	5	5	16	6	31	14	23	8	16	15	21	20	31	29	65	
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	104
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	105
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	105A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	105B
...	1	...	1	...	1	...	3	2	2	...	2	2	1	1	...	...	...	...	...	...	3	...	...	...	1	...	...	1	...	1	6	106
...	...	...	...	...	1	...	1	1	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	106A
...	...	...	...	...	...	...	1	...	1	...	1	...	1	...	...	...	...	...	...	...	2	...	...	...	1	...	...	1	...	...	3	106B
...	1	...	1	...	...	...	1	1	1	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	3	106C
6	12	2	9	2	16	4	8	3	1	3	4	9	2	8	1	4	2	4	9	4	15	4	11	5	4	7	6	8	9	24	24	107
6	12	2	9	2	16	4	8	3	1	3	4	9	2	8	1	4	2	4	9	4	15	4	11	5	4	7	6	8	9	24	24	107A
4	4	...	3	1	8	4	5	...	2	9	3	...	2	5	2	1	...	...	1	2	10	6	9	1	6	2	7	7	8	3	13	108
1	1	...	2	1	1	1	3	4	1	4	2	4	1	2	3	1	1	1	1	...	2	4	1	1	3	4	5	3	8	...	7	109
1	...	...	...	...	1	1	...	2	...	...	1	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	2	110
1	...	1	3	...	...	1	...	...	...	3	...	1	...	1	1	1	...	...	3	...	...	...	...	...	...	...	...	1	2	1	6	111
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	111A
1	...	1	2	...	...	1	...	...	...	3	...	1	...	1	1	1	...	...	2	...	...	...	...	...	...	...	...	1	2	1	6	111B
1	2	2	...	1	1	1	1	1	4	1	1	4	2	3	1	2	2	...	1	...	...	...	1	1	1	2	3	...	4	...	6	112
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	113
...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	114
																															1	114A
...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	114C
11	8	...	7	10	19	11	15	10	9	14	8	12	4	10	3	9	6	4	12	6	20	7	20	1	14	7	5	3	24	9	50	
2	2	...	...	3	1	...	...	2	...	3	1	1	...	1	1	1	...	...	...	...	6	1	1	...	1	2	2	1	2	1	4	115
1	2	...	...	...	...	...	...	2	...	...	...	1	...	...	1	...	...	...	...	...	3	...	...	...	1	1	...	1	...	1	2	115A
1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1	115B
...	...	...	...	3	1	...	...	...	...	1	1	...	...	1	...	...	...	...	...	...	3	1	...	...	...	1	2	...	2	...	1	115C
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	116
1	2	...	2	1	6	2	...	1	2	6	...	3	...	3	1	...	...	1	...	...	3	...	1	1	2	1	...	...	3	2	10	117
2	1	...	1	...	4	...	...	1	2	5	...	2	...	1	...	...	...	1	...	...	2	...	...	1	...	...	...	...	1	1	3	117A
...	...	...	1	1	2	2	...	...	...	1	...	1	...	2	1	...	...	...	...	...	1	...	1	...	2	1	...	...	2	1	7	117B
...	...	...	...	...	...	...	1	...	2	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	...	2	118

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton
119. Diarrhoea and enteritis (under 2 years of age)	69	..	2	..	4	..	7	1	..	...	1	...	1	1	1	2	...	..	...	...	..	1	1	1
120. Diarrhoea and enteritis (2 years and over)	43	..	..	..	...	1	3	..	..	...	1	1	1	2	1	2	...	..	1	...	3	..	2	...
120A. Diarrhoea and enteritis	35	..	..	..	...	1	3	..	..	...	...	1	1	2	1	1	...	..	1	...	3	..	1	...
120B. Ulceration of the intestines	8	..	..	..	...	...	..	..	..	...	1	...	...	..	..	1	...	..	...	...	...	..	1	..
121. Appendicitis	43	.	3	..	3	1	2	3	..	...	...	1	...	..	..	1	1	..	...	...	1	..	...	1
122. Hernia, intestinal obstruction	90	1	1	4	3	1	2	4	1	...	2	1	1	2	..	2	1	..	...	1	4	1	3	2
122A. Hernia	41	1	..	3	1	1	1	3	..	...	...	1	1	1	..	1	1	..	...	...	2	..	2	1
122B. Intestinal obstruction	49	.	1	1	2	...	1	1	1	...	2	...	...	1	..	1	...	..	...	1	2	1	1	1
123. Other diseases of the intestines	8	..	..	..	...	...	..	..	..	...	...	1	...	..	..	...	1	..	2	...	...	..	...	...
124. Cirrhosis of the liver	46	1	1	..	3	1	..	..	..	...	1	1	...	..	..	3	...	..	...	...	...	..	3	...
124A. Specified as alcoholic	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
124B. Not specified as alcoholic	44	1	1	..	3	1	..	..	..	...	1	1	...	..	..	3	...	..	...	...	...	..	3	...
125. Other diseases of the liver	13	..	..	1	...	...	..	..	..	...	...	...	...	..	..	...	...	1	...	...	...	..	1	...
125A. Yellow atrophy of the liver	3	..	..	1	...	...	..	..	..	...	...	...	...	..	..	...	...	1	...	...	...	..	...	...
125B. Others under this title	10	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...
126. Biliary calculi	29	..	..	..	1	...	1	1	1	2	...	...	...	..	..	...	...	..	1	...	4	2	1	2
127. Other diseases of the gall-bladder and biliary passages	49	1	1	..	2	...	..	1	..	1	...	1	...	1	..	1	2	1	...	...	2	..	...	5
128. Diseases of the pancreas	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
129. Peritonitis, cause not specified	6	..	..	1	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	..
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM																								
Total	1173	8	19	20	44	21	12	11	21	21	26	35	19	17	21	26	19	4	15	35	52	6	32	42
130. Acute nephritis (including unspecified, under 10 years of age)	21	..	2	..	...	1	..	..	..	1	2	...	...	..	..	...	...	..	...	1	2	..	...	..
131. Chronic nephritis	661	8	11	15	21	13	5	6	17	10	16	22	14	10	10	17	7	1	8	21	27	2	16	28
132. Nephritis, unspecified (10 years and over)	224	..	4	1	9	1	2	1	3	4	3	7	3	2	8	1	5	..	5	5	13	3	7	6
133. Other diseases of the kidneys and ureters	38	..	..	..	...	1	2	..	..	...	2	2	1	..	..	1	1	..	1	1	2	..	2	1
134. Calculi of the urinary passages	13	..	..	1	1	1	..	1	..	...	...	...	...	..	1	1	1	1	...	...	...	..	...	...
135. Diseases of the bladder (tumours excepted)	28	..	..	1	2	...	..	..	1	1	...	1	...	2	..	...	...	..	...	1	...	..	...	1
136. Diseases of the urethra, urinary abscess, etc.	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	1	...	..	...	...	...	..	...	...
136B. Others under this title	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	1	...	..	...	...	...	..	...	.
137. Diseases of the prostate	173	..	2	2	10	4	2	3	..	4	3	3	1	2	2	5	5	2	1	6	8	1	7	5
138. Diseases of the male genital organs (not specified as venereal)	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	
139. Diseases of the female genital organs (not specified as venereal	12	..	..	..	1	...	1	..	..	1	...	...	...	1	..	...	...	..	...	...	...	..	...	1
139A. Of the ovary, Fallopian tube and parametrium.	5	..	..	..	1	...	1	..	..	...	...	...	...	1	..	...	...	..	...	...	...	..	...	1
139B. Of the uterus	5	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	.
139C. Of the breast	1	..	..	..	...	...	..	..	..	1	...	...	...	..	..	...	...	..	...	...	...	..	...	
139D. Others under this title	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	..	
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE																								
Total	78	..	..	1	3	2	6	..	..	1	1	1	1	1	.	2	...	3	...	1	5	.	...	2
140. Abortion with septic conditions	6				...	1	..	..	..								...	..	...	...	..	..	...	
140A. Abortion	5					1						..	..	..	..	...	...	..	...	...	..	..	...	
140B. Self-induced abortion	1				...		..	..	..	...	...	...	..	..	..	...	...	..	...	...	...	..		
141. Abortion without mention of septic conditions (haemorrhage included)	4						1	.	.	...	...	...	..	..	..	...	...	..	..	...	1	.	.	1
141A. Abortion	4						1		..	...	.	...	..	..	..	...	...	..	..		1	.		1

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	1	..	...	3	1	2	6	2	1	1	1	2	..	1	..	2	1	..	1	1	1	1	12	..	5	..	...	...	...	...	1	119
1	1	..	...	3	2	..	2	1	...	...	...	1	..	...	..	1	2	..	...	..	3	2	2	..	..	..	...	...	...	2	2	120
1	1	..	...	2	2	..	1	...	...	...	...	1	..	...	..	1	2	..	...	..	3	2	2	..	..	..	...	...	...	2	...	120A
...	...	..	...	1	...	..	1	1	...	...	...	...	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	2	120B
2	...	..	...	..	1	..	2	...	...	...	...	1	..	...	..	..	..	..	...	1	...	1	1	..	2	..	...	...	5	...	10	121
2	1	..	2	..	4	3	2	2	1	1	4	2	..	2	..	..	1	1	5	1	1	..	..	..	1	1	...	1	4	1	10	122
...	1	..	1	..	2	2	..	2	1	...	2	1	..	1	..	..	..	..	1	1	...	..	..	..	..	1	...	1	1	...	3	122A
2	...	..	1	..	2	1	2	...	...	1	2	1	..	1	..	..	1	1	4	..	1	..	..	..	1	..	...	...	3	1	7	122B
...	...	..	...	..	1	1	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	1	1	...	...	...	...	...	123
2	1	..	...	..	...	..	..	1	...	...	1	1	2	...	..	1	..	1	2	..	2	2	3	..	1	..	2	...	4	3	3	124
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	2	..	..	..	...	...	...	...	...	124A
2	1	..	...	..	...	..	..	1	...	...	1	1	2	...	..	1	..	1	2	..	2	2	1	..	1	..	2	...	4	3	3	124B
...	1	..	...	..	...	1	..	...	...	1	...	..	..	1	..	1	..	..	...	..	2	..	..	..	..	1	...	...	...	...	2	125
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	1	125A
...	1	..	...	..	...	1	..	...	...	1	...	..	..	1	..	1	..	..	...	..	2	..	..	..	..	1	...	...	...	...	1	125B
...	...	..	...	..	1	1	..	...	1	...	1	..	..	...	1	..	..	..	1	..	1	..	..	..	1	1	1	1	1	...	1	126
...	...	..	3	..	2	1	1	1	1	1	...	1	2	2	..	2	2	1	3	2	1	..	..	..	..	..	...	...	3	...	1	127
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	1	128
...	...	..	...	..	...	..	1	...	1	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	3	129
26	18	11	28	8	42	13	18	13	19	12	26	21	15	10	13	14	28	6	20	16	43	19	15	4	11	8	10	21	38	16	85	
...	...	..	...	..	...	..	..	...	...	...	2	..	..	...	1	..	..	..	2	..	3	..	..	..	..	..	...	...	1	1	2	130
15	16	7	20	6	27	6	12	6	9	3	15	14	10	3	5	8	22	3	10	11	26	9	11	..	2	2	4	13	18	9	34	131
8	1	4	3	..	4	6	4	5	4	5	4	2	4	5	1	5	3	1	2	4	8	5	1	..	3	1	4	5	5	5	19	132
...	...	..	1	..	...	..	..	1	...	...	...	..	..	...	1	..	..	1	...	..	3	..	..	..	2	1	...	...	3	...	8	133
...	...	..	...	..	1	..	..	...	...	...	...	..	..	1	..	..	..	..	...	..	...	..	..	1	..	..	...	...	...	...	2	134
3	...	..	...	..	...	..	1	...	...	2	...	..	..	...	..	..	1	1	2	..	...	1	1	..	..	..	...	...	1	...	5	135
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	1	...	...	136
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	1	...	...	136B
...	1	..	4	2	10	1	1	1	6	2	4	4	1	2	4	1	2	..	3	1	3	4	2	2	2	4	2	2	8	1	15	137
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	1	...	...	...	138
...	...	..	...	..	...	..	..	...	...	...	1	1	..	...	..	..	..	..	1	..	...	..	..	1	2	..	...	...	1	...	...	139
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	1	..	...	...	...	...	...	139A
...	...	..	...	..	...	..	..	...	...	...	1	1	..	...	..	..	..	..	1	..	...	..	..	1	1	..	...	...	...	...	...	139B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	1	...	...	139D
2	3	..	1	1	1	1	4	...	...	1	2	6	..	2	..	2	..	2	1	..	1	..	3	..	3	1	...	...	4	1	6	
1	...	..	...	..	...	..	..	...	...	1	...	..	..	...	..	..	..	..	...	..	...	..	..	..	2	..	...	...	...	...	1	140
1	...	..	...	..	...	..	..	...	...	1	...	..	..	...	..	..	..	..	...	..	...	..	..	..	1	..	...	...	...	...	1	140A
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	1	..	...	...	...	...	...	140B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	1	...	..	...	..	..	..	..	..	...	...	...	...	...	141
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	1	...	..	...	..	..	..	..	..	...	...	...	...	...	141A

TABLE 39—CAUSES OF DEATH FOR COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton
142. Ectopic gestation.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
142B. Without mention of septic conditions	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
143. Other accidents of pregnancy (haemorrhage excluded)	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
144. Puerperal haemorrhage.	10	...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...
144A. Placenta praevia	6	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	1	...	...	...	...
144B. Other haemorrhages	6	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...
145. Puerperal septicaemia (not specified as due to abortion)	10	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...
145A. Puerperal septicaemia and pyaemia	10	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...
146. Puerperal albuminuria and eclampsia	17	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	2	...	...	3	...	...	1
147. Other toxaemias of pregnancy	5	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	16	...	...	...	2	1	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...
148A. Phlegmasia alba dolens and thrombosis	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
148B. Embolism	6	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
148C. Sudden death	9	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
149. Other accidents of childbirth	8	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
149A. Caesarean operation	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
149B. Other surgical operations and instrumental delivery	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
149C. Dystocia	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
149E. Others under this title	4	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE																								
Total	11	...	...	...	...	...	1	...	1	...	2	...	...	...	1	...	...	1	...	...	...	...	...	...
151. Carbuncle	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
152. Cellulitis, acute abscess	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
153. Other diseases of the skin and annexa and of the cellular tissue	4	...	...	...	...	...	1	...	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION																								
Total	25	1	...	...	...	...	...	...	...	2	1	1	1	...	...	1	...	1	1	1	3	...	1	...
154. Osteomyelitis	11	1	...	...	...	...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	2	...	1	...
155. Other diseases of the bones (tuberculosis excepted)	6	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...
156. Diseases of the joints and other organs of locomotion	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	1	1	...	...	...
156A. Of the joints (tuberculosis and rheumatism excepted)	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...
156B. Of other organs of locomotion	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...
CLASS XIV.—CONGENITAL MALFORMATIONS																								
Total	186	1	5	6	5	1	12	2	...	1	3	4	3	2	2	7	1	...	3	5	4	4	3	4
157. Congenital malformations (stillbirths excluded)	186	1	5	6	5	1	12	2	...	1	3	4	3	2	2	7	1	...	3	5	4	4	3	4
157A. Congenital hydrocephalus	18	1	...	1	...	...	3	...	...	...	...	...	...	...	...	2	...	...	2	...	...	...	...	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	142
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	142B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	143
...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	2	144
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	144A
...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	144B
...	...	...	1	...	...	...	1	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	145
...	...	...	1	...	...	...	1	...	...	...	...	2	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	145A
1	1	...	...	...	1	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	2	146
...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	147
...	1	...	...	...	...	...	3	...	...	...	...	1	...	...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	1	1	1	148
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	148A
...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	148B
...	1	...	...	...	...	...	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	148C
...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	1	...	...	149
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	149A
...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	149B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	149C
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	149E
...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	151
...	1	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	152
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	153
...	...	...	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	2	...	...	1	...	1	...	...	...	...	1	...	3	
...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	154
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2	155
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	156
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	156A
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	156B
2	2	1	1	2	4	2	5	3	1	3	6	3	5	2	3	4	3	1	1	2	5	2	5	..	9	1	3	3	...	1	23	
2	2	1	1	2	4	2	5	3	1	3	6	3	5	2	3	4	3	1	1	2	5	2	5	..	9	1	3	3	...	1	23	157
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2	1	...	...	...	1	1	...	...	...	...	...	...	...	...	1	2	157A

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton
157B. Spina bifida and meningocele	67	..	2	3	2	1	2	2	..	..	3	3	...	1	..	2	..	..	...	2	..	..	1	3
157C. Congenital malformations of the heart	69	..	1	2	1	...	3	..	..	1	...	1	3	..	1	3	1	..	1	3	3	4	...	1
157D. Monstrosities	3	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
157E. Others under this title	29	..	2	..	2	...	4	..	..	...	...	...	...	1	1	...	...	..	...	...	1	..	2	...
CLASS XV.—DISEASES OF EARLY INFANCY																								
Total	555	5	10	5	19	10	40	6	8	8	1	12	4	3	3	19	3	8	1	13	22	9	5	10
158. Congenital debility	42	1	..	1	1	1	3	..	2	..	...	1	1	..	1	1	1	..	1	1	1	1	1	...
159. Premature birth	321	2	7	4	13	7	14	3	4	6	1	7	2	2	1	11	1	5	...	6	12	5	2	8
160. Injury at birth	96	1	2	..	1	2	8	2	..	1	..	1	1	..	..	5	1	3	...	2	5	1	2	2
160A. With mention of caesarean operation	2	..	..	..	...	...	1	..	..	...	..	...	...	..	..	...	...	..	...	...	1	..	...	...
160B. Without mention of caesarean operation	94	1	2	..	1	2	7	2	..	1	...	1	1	..	..	5	1	3	..	2	4	1	2	2
161. Other diseases peculiar to early infancy (under 3 months)	96	1	1	..	4	...	15	1	2	1	...	3	...	1	1	2	..	..	...	4	4	2	...	...
161A. Atelectasis	28	..	..	..	2	...	3	..	..	..	..	2	...	..	1	...	...	..	...	...	1	1	...	...
161B. Icterus of the new-born	11	..	1	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	1	1	...	...
161D. Athrepsia	2	..	..	..	...	...	..	..	..	...	...	...	...	1	..	...	...	..	...	...	...	..	...	...
161E. Others, including lack of care	47	..	..	..	2	...	6	1	2	1	...	1	...	..	..	2	...	..	...	4	2	..	...	...
161F. No cause given, no doctor in attendance	8	1	..	..	...	...	6	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
CLASS XVI.—SENILITY																								
Total	197	..	1	7	7	...	1	10	1	7	1	2	1	1	2	5	7	..	1	4	3	1	...	5
162. Senility	197	..	1	7	7	...	1	10	1	7	1	2	1	1	2	5	7	..	1	4	3	1	...	5
162A. With senile dementia (70 years and over)	27	..	..	2	1	...	..	1	..	2	...	...	1	..	..	...	1	..	...	1	2	..	...	...
162B. Without senile dementia (70 years and over)	170	..	1	5	6	...	1	9	1	5	1	2	...	1	2	5	6	..	1	3	1	1	...	5
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																								
Total	1340	6	28	12	16	25	43	11	9	30	16	41	14	6	9	30	31	6	17	28	39	42	44	26
163–171. Suicides	175	1	4	1	2	5	4	2	..	2	4	6	3	..	..	2	5	..	4	2	...	2	4	4
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	13	..	..	..	1	...	..	1	..	...	...	...	1	..	..	...	...	..	...	...	...	1	...	...
164. Suicide by poisonous gas	12	..	..	..	...	...	..	..	..	...	...	1	...	..	..	...	...	..	1	...	...	..	...	...
165. Suicide by hanging or strangulation	57	1	2	1	...	...	2	..	..	1	..	1	1	..	..	1	1	..	2	1	...	..	...	2
166. Suicide by drowning	26	..	..	..	...	2	1	1	..	1	3	..	...	..	..	...	1	..	1	...	...	1	1	1
167. Suicide by firearms	54	..	2	..	1	3	..	..	..	...	1	4	1	..	..	...	3	..	..	1	...	..	2	1
168. Suicide by cutting or piercing instruments	7	..	..	..	...	...	1	..	..	...	...	...	...	..	..	1	...	..	...	...	...	..	1	...
169. Suicide by jumping from high places	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
170. Suicide by crushing	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
171. Suicide by other means	3	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
173–175. Homicides	26	..	..	..	...	..	3	..	..	1	...	1	...	..	..	...	...	..	...	3	1	1	...	2
173. Homicide by firearms	12	..	..	..	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	2	...	1	...	...
174. Homicide by cutting or piercing instruments	3	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	1	..	...	...
175. Homicide by other means	11	..	..	..	...	...	2	..	..	1	..	...	...	..	..	...	...	..	...	1	...	..	...	2
176–198. Other violent deaths	1139	5	24	11	14	20	36	9	9	27	12	34	11	6	9	28	26	6	13	23	38	39	40	20
176. Attack by venomous animals	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
177. Food poisoning	3	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	1	...	...
178. Accidental absorption of toxic gases	15	1	..	..	...	...	..	..	..	...	1	...	...	..	..	...	1	..	.	...	1	..	...	...
179. Other acute accidental poisonings (except by gas)	2	.	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	2	...	...

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
1	2	..	...	..	...	2	3	...	...	...	3	1	3	1	..	2	1	1	1	..	1	2	2	..	4	..	1	1	...	...	8	157B
1	...	1	...	1	3	..	1	1	1	3	2	1	2	1	1	1	2	..	...	1	1	..	..	..	1	..	2	2	...	...	11	157C
...	...	..	...	1	...	..	..	1	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	..	..	..	...	...	...	...	...	157D
...	...	..	...	..	1	..	1	1	...	...	1	1	..	...	..	..	..	..	...	..	2	..	2	..	4	1	...	...	...	...	2	157E
12	7	..	2	9	6	12	13	9	11	1	6	17	3	12	5	13	7	8	18	12	9	5	25	7	29	1	2	5	15	1	49	
1	1	..	...	..	...	..	2	...	1	...	...	2	..	1	1	..	2	..	1	..	2	..	3	..	4	..	...	1	1	...	...	158
7	5	..	1	4	6	7	4	7	6	1	3	10	3	8	3	3	1	6	11	6	4	4	17	2	19	1	...	4	9	...	36	159
2	...	..	1	3	...	2	3	1	2	...	3	2	..	2	..	6	1	..	...	4	2	1	2	2	3	..	1	...	5	...	8	160
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	160A
2	...	..	1	3	...	2	3	1	2	...	3	2	..	2	..	6	1	..	...	4	2	1	2	2	3	..	1	...	5	...	8	160B
2	1	..	...	2	...	3	4	1	2	...	...	3	..	1	1	4	3	2	6	2	1	..	3	3	3	..	1	...	...	1	5	161
2	...	..	...	1	...	..	2	...	...	...	...	..	..	...	..	1	1	1	2	2	...	..	..	3	1	..	...	...	...	...	2	161A
...	1	..	...	..	...	..	..	...	1	...	...	1	..	...	..	2	..	..	...	..	1	..	..	..	1	..	1	...	...	...	..	161B
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	..	..	..	...	...	...	...	..	161D
...	...	..	...	1	...	3	2	1	1	...	...	2	..	1	1	1	2	1	3	..	...	..	2	..	1	..	...	...	...	1	3	161E
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	1	..	...	..	..	..	..	..	...	...	...	...	...	161F
4	8	2	2	1	5	1	2	6	14	2	6	2	1	...	4	6	3	2	10	..	10	2	2	2	5	3	2	1	8	1	13	
4	8	2	2	1	5	1	2	6	14	2	6	2	1	...	4	6	3	2	10	..	10	2	2	2	5	3	2	1	8	1	13	162
...	3	..	1	..	2	..	..	...	1	4	1	1	..	...	..	..	..	..	...	..	...	..	..	..	2	..	...	...	...	...	1	162A
4	5	2	1	1	3	1	2	6	13	2	2	1	..	...	4	6	3	2	10	..	10	2	2	2	3	3	2	1	8	1	12	162B
23	11	6	15	10	45	23	24	21	25	18	37	34	22	15	8	9	12	10	19	12	44	25	50	39	34	12	17	37	25	22	107	
1	4	2	3	1	8	2	4	...	3	4	2	6	2	3	2	4	1	..	...	1	7	4	4	7	1	2	4	6	5	2	23	163–171
...	...	..	...	..	...	..	..	...	1	...	...	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	...	1	1	...	5	163
...	...	..	...	1	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	2	..	..	..	...	...	...	1	6	164
...	3	..	1	1	3	..	3	...	...	2	...	1	1	2	..	2	..	..	...	1	4	2	2	2	..	..	2	4	1	...	4	165
...	1	1	1	..	...	..	..	...	1	1	1	..	1	...	1	..	..	..	...	..	...	..	..	1	..	..	2	1	1	...	...	166
1	...	..	1	..	4	1	..	...	1	1	1	5	..	1	1	1	..	..	...	..	2	2	..	3	1	1	...	...	1	1	6	167
...	...	..	...	..	...	1	..	...	...	...	...	..	..	...	..	1	..	..	...	..	...	..	..	..	..	1	...	...	...	...	1	168
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	1	...	1	169
...	...	..	...	..	...	..	1	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	170
...	...	1	...	..	...	..	..	...	...	...	...	..	..	...	..	..	1	..	...	..	...	..	..	1	..	..	...	...	...	...	...	171
...	...	..	...	..	4	..	..	...	...	...	...	..	2	1	..	..	..	..	...	2	1	..	..	..	..	..	...	...	...	...	4	173–175
...	...	..	...	..	4	..	..	...	...	...	...	..	..	1	..	..	..	..	...	2	1	..	..	..	..	..	...	...	...	...	...	173
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	1	174
...	...	..	...	..	...	..	..	...	...	...	...	..	2	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	3	175
22	7	4	12	9	33	21	20	21	22	14	35	28	18	11	6	5	11	10	19	9	36	21	46	32	33	10	13	31	20	20	80	176–198
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	1	..	...	...	...	...	...	176
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	1	..	..	...	...	1	...	..	177
...	1	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	1	1	1	..	2	...	1	...	4	178
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	..	179

TABLE 39—CAUSES OF DEATH BY COUNTIES (EXCLUSIVE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton
180. Conflagration	31	..	..	..	...	2	1	..	..	1	...	2	2	1	..	...	...	..	...	1	...	3	1	..
181. Accidental burns (conflagration excepted)	15	..	..	..	...	...	1	2	..	...	...	...	...	..	..	1	1	..	...	...	1	..	...	...
182. Accidental mechanical suffocation	34	..	..	..	...	...	..	..	1	...	1	...	...	..	1	...	1	1	...	...	2	..	1	...
183. Accidental drowning	210	1	10	..	...	2	7	..	2	2	1	6	1	..	3	2	5	3	2	4	4	14	8	2
184. Accidental injury by firearms	21	..	..	..	...	...	1	1	..	1	..	...	...	..	..	...	...	1	..	1	1	..	...	...
185. Accidental injury by cutting or piercing instruments	4	..	..	..	...	...	..	..	..	1	...	...	...	..	..	...	1	..	...	...	...	..	...	...
186. Accidental injury by fall, crushing or landslide	693	3	13	10	11	16	21	6	5	20	9	19	8	4	3	21	17	1	10	14	27	13	29	16
188. Injuries by animals	14	..	..	..	...	...	..	..	1	...	...	...	...	..	..	2	...	..	...	...	1	..	...	..
189. Hunger or thirst	1	..	..	..	...	...	1	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
190. Excessive cold	11	..	..	..	1	...	..	..	..	...	...	2	...	..	..	1	...	..	...	...	...	1	...	...
191. Excessive heat	10	..	..	..	...	...	1	..	..	...	...	2	...	..	1	...	...	..	...	...	...	..	1	1
192. Lightning	6	..	..	1	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	3	...	..	...	...
193. Accidents due to electric currents	15	..	1	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	2	...	...
194. Other accidents	43	..	..	..	2	...	3	..	..	1	...	2	...	1	1	1	...	..	1	...	1	1	...	1
194A. Foreign body	2	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
194B. Others under this title	41	..	..	..	2	...	3	..	..	1	...	2	...	1	1	1	...	..	1	...	1	1	...	1
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown	9	..	..	..	...	...	..	..	..	1	...	1	...	..	..	...	...	..	...	...	...	2	...	...
196. Wounds of war	1	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH																								
Total	44	..	..	..	2	...	11	..	..	1	...	...	...	..	..	3	1	..	...	...	2	4	2	1
199. Sudden death	21	..	..	..	1	...	4	..	..	1	...	...	...	..	..	3	1	..	...	...	2	..	1	...
200. Cause of death not specified or ill-defined	23	..	..	..	1	...	7	..	..	..	...	...	...	..	..	...	...	..	...	...	...	4	1	1

SPECIAL CLASSES OF ACCIDENTAL DEATHS BY COUNTIES

(Included also under the numbers

IN THE PROVINCE OF

A. Accidents in mines and quarries	29	..	2	..	...	...	8	..	..	...	...	...	...	..	..	...	...	..	...	...	...	7	...	..
B. Accidents caused by machines	21	..	..	..	1	...	1	..	..	1	1	1	...	..	..	...	1	..	1	...	1	1	1	...
C. Railway accidents	39	..	6	..	...	1	..	..	1	...	...	1	1	2	..	1	2	..	1	...	...	2	1	...
D. Street-car accidents	3	..	..	..	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...
E. Automobile and motorcycle accidents	339	2	2	7	3	10	9	3	..	7	7	12	3	2	2	8	6	..	4	7	12	4	16	7
F. Other land transportation	15	..	..	..	...	1	1	..	1	...	...	...	...	..	..	2	2	..	1	...	...	..	...	...
G. Water transportation	60	1	7	..	...	...	2	..	..	...	...	3	...	..	1	...	1	1	...	...	1	4	...	...
H. Air transportation	44	..	..	2	...	2	..	..	..	4	..	3	1	..	..	...	2	..	...	...	...	..	...	..

CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Lanark	Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Timiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
1	...	..	2	3	1	..	..	1	...	1	...	4	..	...	..	..	..	..	...	..	...	..	..	2	..	1	...	1	...	...	..	180
...	...	..	1	..	...	1	1	...	...	...	...	..	..	1	..	..	..	..	...	..	...	1	..	..	..	1	...	1	...	...	2	181
1	...	..	1	..	1	..	1	1	...	...	...	..	1	...	1	..	1	..	...	..	...	..	4	3	1	..	1	1	...	2	6	182
5	1	..	1	2	1	8	7	4	3	2	5	3	7	1	..	1	2	5	6	2	5	9	11	8	10	..	3	10	2	1	6	183
1	...	..	...	..	...	3	..	1	...	...	...	..	..	...	1	..	..	1	2	..	...	..	1	..	1	..	...	1	...	...	3	186
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	1	...	...	...	1	185
9	4	4	7	4	23	7	10	12	16	8	26	17	9	7	4	3	7	2	9	6	27	8	25	16	17	7	4	14	16	16	53	186
1	...	..	...	..	...	..	..	...	...	1	...	..	..	1	..	1	1	1	...	1	2	..	..	..	..	1	...	...	...	...	...	188
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	189
1	...	..	...	..	1	..	..	1	...	...	1	..	..	...	..	..	..	..	...	..	...	1	..	..	..	..	1	...	...	...	...	190
...	...	..	...	..	1	..	..	...	...	...	...	..	..	...	..	..	..	..	1	..	...	..	..	..	..	..	1	...	...	...	1	191
...	...	..	...	..	...	..	..	...	...	1	1	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	...	...	...	192
2	...	..	...	..	1	1	1	1	...	1	...	1	..	1	..	..	..	..	...	..	...	1	1	..	..	..	...	1	...	...	...	193
1	1	..	...	..	3	1	..	...	2	...	2	3	1	...	..	..	..	1	1	..	2	..	3	..	2	..	...	1	...	1	3	194
...	...	..	...	..	...	..	..	...	...	...	1	..	..	...	..	..	..	..	...	..	1	..	..	..	..	..	...	...	...	...	...	194A
1	1	..	...	..	3	1	..	...	2	...	1	3	1	...	..	..	..	1	1	..	1	..	3	..	2	..	...	1	...	1	3	194B
...	...	..	...	..	1	..	..	...	1	...	...	..	..	...	..	..	..	..	...	..	...	1	..	..	..	..	...	1	...	...	1	195
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	1	..	..	...	...	...	...	..	196
..	...	..	2	..	...	1	1	...	...	...	...	..	..	...	..	..	..	1	...	..	1	2	1	1	2	..	1	1	...	...	3	
...	...	..	2	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	1	..	..	1	..	1	1	...	...	2	199
...	...	..	...	..	...	1	1	...	...	...	...	..	..	...	..	..	..	1	...	..	1	1	1	1	1	..	...	...	...	...	1	200

(EXCLUSIVE OF CITIES, TOWNS AND VILLAGES OF 5,000 AND OVER)

of the International List above)

ONTARIO, 1940

...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	1	..	..	..	...	..	...	..	2	5	3	..	...	...	...	1	...	A
1	...	..	...	..	...	1	..	...	1	...	...	1	..	...	1	..	..	..	...	..	...	..	1	..	1	..	2	1	...	...	1	B
1	...	..	...	..	...	1	3	...	...	...	1	2	1	...	..	..	..	..	...	..	...	1	3	4	1	..	...	...	...	1	1	C
...	...	..	...	..	...	..	..	...	...	...	...	..	..	...	..	..	..	..	...	..	...	..	..	..	..	..	...	...	1	...	2	D
...	2	3	3	2	15	3	5	9	4	3	17	7	6	4	1	3	4	4	10	2	13	2	17	3	11	1	2	6	4	11	29	E
...	...	..	...	..	...	..	..	...	...	...	...	..	1	1	..	..	..	..	...	..	...	2	..	..	..	..	...	1	1	...	1	F
1	...	..	...	2	...	3	4	1	1	1	...	..	..	...	..	..	1	1	...	..	3	2	10	3	3	..	...	2	...	...	1	G
...	...	..	2	..	2	1	..	...	5	...	...	..	2	...	..	..	3	..	...	2	7	..	..	1	2	..	1	...	...	...	2	H

TABLE 40—CAUSES OF DEATH FOR TOWNS AND VILLAGES OF

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Frances
Deaths—All Causes. **Total**	**2,630**	**161**	**86**	**228**	**129**	**118**	**69**	**32**	**76**	**47**
Class I.—Infectious and Parasitic Diseases										
Total	122	6	2	6	5	4	6	4	4	4
1. Typhoid fever	2	....	....	....	....	....	....	....	....	....
5. Undulant fever	1	....	....	....	....	....	....	....	....	....
7. Measles	1	....	....	....	....	....	....	....	....	....
8. Scarlet fever	1	....	....	....	....	....	....	....	....	....
9. Whooping cough	1	....	....	....	....	....	....	....	....	....
10. Diphtheria	1	....	....	....	....	....	....	....	....	....
11. Influenza	46	4	1	2	1	1	5	1	2	....
11a. Sole cause	1	....	....	....	....	....	....	....	....	....
11b. With bronchitis	3	1	....	....	....	....	1	....	1	....
11c. With pneumonia	18	1	1	2	....	....	1	....	....	....
11d. With other diseases of the respiratory system	6	1	....	....	1	....	2	....	....	....
11e. With intestinal complications	2	....	....	....	....	....	....	....	1	....
11f. With other causes	16	1	....	....	....	1	1	1	....	....
13. Dysentry	2	....	....	....	....	....	....	....	....	....
15. Erysipelas	2	....	....	....	....	....	1	....	....	....
16. Poliomyelitis and polioencephalitis (acute)	1	....	....	....	....	....	....	....	....	....
17. Lethargic or epidemic encephalitis	4	1	....	....	....	....	....	....	....	....
18. Epidemic cerebrospinal meningitis	2	....	....	....	1	....	....	....	....	....
22. Tetanus	1	....	....	....	....	....	....	....	....	....
23-32. Tuberculosis	45	1	1	4	2	....	....	3	2	3
23. Tuberculosis of the respiratory system	36	1	1	2	1	....	....	3	2	3
24. Tuberculosis of the meninges and central nervous system	3	....	....	1	....	....	....	....	....	....
25. Tuberculosis of the intestines and peritoneum	1	....	....	....	....	....	....	....	....	....
26. Tuberculosis of the vertebral column	1	....	....	....	....	....	....	....	....	....
27. Tuberculosis of the bones and joints (vertebral column excepted)	1	....	....	1	....	....	....	....	....	....
27b. Of the joints	1	....	....	1	....	....	....	....	....	....
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	1	....	....	....	....	....	....	....	....	....
30. Tuberculosis of the genito-urinary system	1	....	....	....	....	....	....	....	....	....
32. Disseminated tuberculosis	1	....	....	....	1	....	....	....	....	....
32c. Not specified	1	....	....	....	1	....	....	....	....	....
34. Syphilis	7	....	....	....	....	1	....	....	....	....
36. Purulent infection, septicaemia (non-puerperal)	1	....	....	....	1	....	....	....	....	....
43. Mycoses	1	....	....	....	....	1	....	....	....	....
44. Other infectious or parasitic diseases	3	....	....	....	....	1	....	....	....	1
44a. Chicken-pox	1	....	....	....	....	1	....	....	....	....
44c. Others under this title	2	....	....	....	....	....	....	....	....	1
Class II.—Cancer and Other Tumours										
Total	294	13	10	26	14	18	8	2	7	4
45-54. Cancer and other malignant tumours	275	13	10	23	14	14	8	2	6	4
45. Cancer of the buccal cavity and pharynx	11	2	....	2	....	3	....	....	....	....
46. Cancer of the digestive tract and peritoneum	154	4	6	16	10	6	3	2	3	1
46a. Of the oesophagus	8	1	1	1	....	....	....	....	....	....
46b. Of the stomach and duodenum	55	2	1	7	3	1	2	2	2	1
46c. Of the rectum	15	....	....	3	2	....	1	....	....	....
46d. Of the liver and biliary ducts	21	....	....	....	2	....	....	....	1	....
46e. Of the pancreas	9	....	....	3	....	1	....	....	....	....
46f. Of the peritoneum	1	....	....	....	....	1	....	....	....	....
46g. Of other organs	45	1	4	2	3	3	....	....	....	....
47. Cancer of the respiratory organs	12	1	....	1	....	....	....	....	....	....
47a. Of the larynx	3	....	....	1	....	....	....	....	....	....
47b. Of the lung	7	1	....	....	....	....	....	....	....	....
47c. Of the mediastinum	1	....	....	....	....	....	....	....	....	....
47d. Of other organs of the respiratory system	1	....	....	....	....	....	....	....	....	....
48. Cancer of the uterus	15	1	....	....	....	....	2	....	....	....
48a. Of the uterus	9	1	....	....	....	....	1	....	....	....
48b. Of the cervix uteri	6	....	....	....	....	....	1	....	....	....
49. Cancer of other female genital organs	2	1	....	....	....	1	....	....	....	....
50. Cancer of the breast	24	....	2	2	....	2	1	....	2	....
51. Cancer of the male genito-urinary organs	22	4	1	....	....	1	....	....	1	1
51a. Of the bladder	6	2	....	....	....	....	....	....	1	....
51b. Of the kidney	1	....	....	....	....	....	....	....	....	....
51c. Of the prostate gland	15	2	1	....	....	1	....	....	....	1
52. Cancer of the skin	7	....	....	....	1	....	1	....	....	1
53. Cancer of other or unspecified organs	28	....	1	2	3	1	1	....	....	1

5,000 TO 10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1940

Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
80	**88**	**101**	**57**	**175**	**103**	**41**	**95**	**178**	**37**	**40**	**88**	**15**	**124**	**100**	**27**	**46**	**51**	**50**	**30**	**158**	
5	5	11	2	8	5	....	6	9	2	1	5	1	7	1	....	2	1	2	....	8	
....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
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1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	10
....	3	2	....	4	2	....	....	7	1	....	3	....	2	1	....	1	....	1	....	2	11
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....	2	....	....	....	1	....	....	5	....	....	2	....	1	1	....	1	....	....	....	....	11C
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....	1	1	....	4	1	....	....	1	1	....	1	....	1	....	....	....	....	....	....	1	11F
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....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	22
4	....	4	1	2	1	....	5	....	1	1	1	....	2	....	....	1	1	1	....	4	23–32
4	....	3	1	1	....	....	3	....	1	....	1	....	2	....	....	1	1	1	....	4	23
....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	24
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	25
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	26
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....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	32
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	32C
....	....	1	2	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	1	34
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10	11	13	7	25	14	7	11	20	1	2	6	2	17	7	4	8	10	5	3	9	
10	10	12	7	23	13	7	11	18	1	1	5	2	17	6	4	8	9	5	3	9	45–54
1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	1	....	....	....	45
7	6	6	4	16	10	3	5	12	....	1	5	2	6	1	2	3	4	3	2	5	46
....	....	....	....	....	....	....	....	1	....	....	....	1	1	....	....	1	....	....	....	1	46A
3	3	1	3	5	2	....	4	1	....	....	3	....	1	....	....	1	1	1	2	3	46B
....	....	2	....	1	....	1	....	3	....	....	....	....	1	....	1	....	....	....	....	....	46C
....	1	2	1	2	4	....	....	1	....	1	2	....	....	1	....	1	1	1	....	....	46D
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	1	....	1	46E
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	46F
3	2	1	....	8	4	2	1	6	....	....	....	1	2	....	1	....	1	....	....	....	46G
1	....	1	....	2	....	....	1	1	....	....	....	2	1	1	....	....	....	....	....	....	47
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	47A
1	....	1	....	1	....	....	....	....	....	....	....	....	2	1	....	....	....	....	....	....	47B
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	47C
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1	....	1	....	....	1	....	2	1	....	....	....	....	1	....	....	....	4	....	....	1	48
1	....	....	....	....	1	....	2	....	....	....	....	....	....	....	....	....	2	....	....	1	48A
....	....	1	....	....	....	....	....	1	....	....	....	....	1	....	....	....	2	....	....	....	48B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	49
....	2	1	1	2	1	1	1	2	....	....	....	....	1	1	1	....	....	....	....	1	50
....	1	....	1	1	....	1	2	2	....	....	....	....	....	2	....	3	....	....	....	1	51
....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	1	....	....	....	....	51A
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	51B
....	1	....	1	1	....	1	....	2	....	....	....	....	....	1	....	2	....	....	....	1	51C
....	1	1	....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	52
....	....	2	1	2	1	2	....	....	1	....	....	....	3	1	....	2	....	2	1	1	53

TABLE 40—CAUSES OF DEATH FOR TOWNS AND VILLAGES OF

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Frances
53c. Of the glandular system	4									
53d. Of the female urinary organs	7		1	2						
53e. Of the bones and joints	7					1				1
53f. Of the brain	1				1					
53g. Of the spine and spinal cord	1									
53h. Of the neck	1				1					
53i. Of the abdomen	3									
53j. Of other specified organs	4				1		1			
54. Non-malignant tumours	18			3		4			1	
54a. Of the ovary	3			1		1				
54b. Of the uterus	4			1						
54d. Of the brain	3					2				
54e. Of the thyroid gland	4									
54f. Of the prostate gland	2					1			1	
54g. Of other or unspecified sites	2			1						
55. Tumours, nature not specified	1									
55d. Of the brain	1									
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES										
Total	94	7	5	6	6	7	3		3	1
56. Acute rheumatic fever	15		1	1	1	1	1			
57. Chronic rheumatism, osteo-arthritis	3	2	1							
59. Diabetes mellitis	57	5	1	5	5	3			3	1
63. Rickets	1									
66. Diseases of the thyroid and parathyroid glands	10		2			2	2			
66a. Simple goitre	1						1			
66b. Exophthalmic goitre	8		1			2	1			
66c. Myxoedema, cretinism	1		1							
67. Diseases of the thymus gland	5					1				
69. Other general diseases	3									
69a. Fatty or amyloid degeneration	1									
69c. Others under this title	2									
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS										
Total	32	3			3	3			1	1
70. Haemorrhagic conditions	2									1
70a. Simple purpura	1									1
70b. Haemophilia	1									
71. Anaemia	20	1			3	2				
71a. Pernicious anaemia	20	1			3	2				
72. Leukaemia and aleukaemia	8	1				1			1	
72a. Leukaemia	5					1			1	
72b. Aleukaemia (Hodgkin's disease)	3	1								
73. Diseases of the spleen	2	1								
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS										
Total	4			2					1	
75. Alcoholism	4			2					1	
75a. Delirium tremens	1			1						
75b. Other alcoholic intoxications	3			1					1	
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE										
Total	158	7	1	10	7	7	5	2	1	3
78. Encephalitis (non-epidemic)	2									
79. Simple meningitis	6			1		1			1	
80. Progressive locomotor ataxia (tabes dorsalis)	2									
81. Other diseases of the spinal cord	6	1		1						
82. Cerebral haemorrhage, cerebral embolism and thrombosis	65	3	1	5	7	5	4	1		2
82a. Cerebral haemorrhage	51	3	1	4	7	4	4	1		2
82b. Cerebral embolism and thrombosis	4			1						
82c. Softening of the brain	1									
82d. Hemiplegia and other paralysis, cause not specified	9					1				

5,000 TO 10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1940—Continued

Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	53C
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....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	53J
....	1	1	....	2	1	....	....	2	....	....	1	....	1	1	....	....	1	....	....	....	54
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3	2	3	2	4	2	....	5	8	1	5	3	....	7	4	....	1	1	3	....	2	
....	....	1	....	....	1	....	....	2	1	2	....	....	2	1	....	....	....	....	....	....	56
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	57
1	1	2	2	3	1	....	5	5	....	3	2	....	1	2	....	1	....	3	....	2	59
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	63
1	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	66
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1	2	....	1	1	....	1	....	1	....	....	1	....	3	5	2	1	....	....	....	2	
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....	1	....	1	....	....	1	....	....	....	....	....	....	1	....	1	....	....	....	....	....	72
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3	4	8	....	14	3	....	13	5	1	....	1	1	4	8	1	....	4	5	....	40	
....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	78
1	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	79
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	80
1	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	81
1	1	5	....	10	2	....	....	3	1	....	....	....	2	3	1	....	3	3	....	2	82
1	1	5	....	5	2	....	....	2	....	....	....	....	2	2	1	....	2	1	....	1	82A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	82B
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	82C
....	....	....	....	4	....	....	....	1	1	....	....	....	....	1	....	....	1	....	....	....	82D

TABLE 40—CAUSES OF DEATH FOR TOWNS AND VILLAGES OF

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Frances
83. General paralysis of the insane	9									
84. Dementia praecox and other psychoses	39									1
84A. Dementia praecox	27									
84B. Other psychoses	12									1
85. Epilepsy	4			1						
87. Other diseases of the nervous system	22	3		1		1	1			
87A. Chorea	1									
87B. Neuralgia and neuritis	1									
87C. Paralysis agitans	10	2		1		1				
87D. Sclerosis (other than of the spinal cord)	6	1					1			
87E. Others under this title	4									
88. Diseases of the organs of vision	1			1						
89. Diseases of the ear and mastoid process	2							1		
89A. Otitis	2							1		
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM										
Total	969	64	37	83	56	40	24	14	33	10
90–95. Diseases of the heart	557	33	23	43	34	21	14	11	15	6
90. Pericarditis	1			1						
91. Acute endocarditis	7				3			1		
91A. Endocarditis specified as acute	6				2			1		
91B. Endocarditis unspecified (under 45 years of age)	1				1					
92. Chronic endocarditis, valvular diseases	58	5	4	5	3	3	1	2	2	
92A. Endocarditis specified as chronic and other valvular diseases	51	5	4	5	3	3	1	2	2	
92B. Endocarditis, unspecified (45 years and over)	7									
93. Diseases of the myocardium	181	7	4	10	14	7	7	2	3	
93A. Acute myocarditis	3								1	
93B. Myocarditis, unspecified (under 45 years of age)	1									
93C. Chronic myocarditis and myocardial degeneration	120	5	3	6	14	5	5	1	2	
93D. Myocarditis, unspecified (45 years and over)	57	2	1	4		2	2	1		
94. Diseases of the coronary arteries and angina pectoris	296	21	15	27	14	10	6	6	8	6
94A. Diseases of the coronary arteries	9	1								
94B. Embolism and thrombosis of the coronary arteries	264	19	15	24	13	9	4	1	8	6
94C. Angina pectoris	23	1		3	1	1	2	5		
95. Other diseases of the heart	14					1			2	
95A. Functional diseases of the heart	2					1				
95B. Other and unspecified	12								2	
96. Aneurysm (except of the heart)	3	1					1			
97. Arteriosclerosis (of coronary arteries excepted)	334	26	12	35	20	13	8	3	18	3
98. Gangrene	5	1		1						
99. Other diseases of the arteries	6			3		1				
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.	7									
102. Idiopathic abnormalities of blood pressure	57	3	2	1	2	5	1			1
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM										
Total	217	11	8	13	16	6	13	2	6	8
104. Diseases of the nasal fossae and annexa	1						1			
105. Diseases of the larynx	1									
105B. Other diseases of the larynx	1									
106. Bronchitis	6	1	1			1			1	
106A. Acute	2		1							
106B. Chronic	2								1	
106C. Unspecified	2	1				1				
107. Bronchopneumonia	106	3	4	8	1	2	1	1	3	2
107A. Bronchopneumonia	106	3	4	8	1	2	1	1	3	2
108. Lobar pneumonia	52	3	2	3	11	1	7		1	2
109. Pneumonia, unspecified	17	2				1		1		1
110. Pleurisy	3									2
111. Congestion and haemorrhagic infarct of the lung, etc.	11	2			4		2			
111B. Others under this title	11	2			4		2			
112. Asthma	17		1	2		1	2		1	1
114. Other diseases of the respiratory system (tuberculosis excepted)	3									

5,000 TO 10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1940—Continued

Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
....	....	....	....	....	....	....	6	....	....	....	....	....	....	....	....	....	....	....	....	3	83
....	....	....	....	....	....	....	6	....	....	....	....	....	....	....	....	....	....	....	....	32	84
....	....	....	....	....	....	....	6	....	....	....	....	....	....	....	....	....	....	....	....	21	84A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	11	84B
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	1	85
....	1	1	....	2	....	....	1	2	....	....	1	....	1	4	....	....	....	2	....	1	87
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	87A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	87B
....	....	1	....	1	....	....	....	....	....	....	1	....	1	1	....	....	....	....	....	1	87C
....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	1	....	....	87D
....	....	....	....	1	....	....	1	2	....	....	....	....	....	....	....	....	....	....	....	....	87E
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	88
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	89
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	89A
11	30	36	18	56	41	18	29	66	17	15	38	4	28	45	15	19	20	20	22	60	
5	21	23	11	34	18	11	22	35	11	11	18	3	12	28	14	11	13	10	14	32	90–95
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	90
....	....	....	1	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	91
....	....	....	1	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	91A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	91B
....	2	3	....	1	3	....	....	5	....	2	4	....	....	5	2	2	1	....	1	2	92
....	1	3	....	1	3	....	....	4	....	2	1	....	....	4	2	2	1	....	....	2	92A
....	1	....	....	....	....	....	....	1	....	....	3	....	....	1	....	....	....	....	1	....	92B
1	9	8	1	17	3	4	12	10	2	5	8	....	4	3	2	3	6	4	6	19	93
....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	93A
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	93B
....	5	1	1	9	....	4	7	5	2	2	3	....	2	1	2	3	5	2	6	19	93C
1	4	7	....	8	3	....	4	5	....	2	5	....	1	2	....	....	1	2	....	....	93D
3	10	11	9	14	12	7	9	20	9	4	6	2	8	19	10	5	5	5	5	10	94
....	2	....	....	....	....	....	....	....	....	....	....	2	....	4	....	....	....	....	....	....	94A
2	8	10	7	11	11	7	9	20	9	4	6	....	8	15	10	4	5	4	5	10	94B
1	....	1	2	3	1	....	....	....	....	....	....	....	....	....	....	1	....	1	....	....	94C
1	....	1	....	2	....	....	....	....	....	....	....	1	....	....	....	1	1	1	2	1	95
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	95A
1	....	1	....	1	....	....	....	....	....	....	....	1	....	....	....	1	1	1	2	1	95B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	96
5	8	6	6	15	19	5	5	20	3	4	18	1	14	15	1	8	5	6	7	25	97
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1	98
....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	99
....	....	....	....	1	....	....	....	1	1	....	1	....	1	1	....	....	....	....	....	1	100
1	1	6	1	6	4	2	1	9	2	....	1	....	1	....	....	....	2	4	....	1	102
9	6	2	....	14	5	6	21	15	1	....	9	1	8	4	3	1	3	3	3	20	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	104
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	105
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	105B
1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	106
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	106A
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	106B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	106C
4	4	1	....	7	1	4	18	7	....	....	5	....	5	2	1	1	2	1	1	17	107
4	4	1	....	7	1	4	18	7	....	....	5	....	5	2	1	1	2	1	1	17	107A
2	1	....	....	1	....	....	2	3	....	....	4	1	1	2	2	....	1	....	....	2	108
1	....	....	....	3	1	1	....	2	1	....	....	....	1	....	....	....	....	1	1	....	109
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	110
....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	111
....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	111B
1	....	....	....	....	1	1	1	3	....	....	....	....	....	....	....	....	....	....	1	1	112
....	....	....	....	....	2	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	114

TABLE 40—CAUSES OF DEATH FOR TOWNS AND VILLAGES OF

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Frances
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM										
Total	137	6	4	9	6	3	2		2	3
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	10			1	1		1			
115A. Diseases of the buccal cavity and annexa	5				1					
115B. Diseases of the tonsils	1			1						
115C. Others under this title	4						1			
117. Ulcer of the stomach or duodenum	17	1	1			3				
117A. Ulcer of the stomach	5		1			2				
117B. Ulcer of the duodenum	12	1				1				
118. Other diseases of the stomach	1									
119. Diarrhoea and enteritis (under 2 years of age)	9			2						1
120. Diarrhoea and enteritis (2 years and over)	13	1	1	1	1		1			
120A. Diarrhoea and enteritis	7				1		1			
120B. Ulceration of the intestines	6	1	1	1						
121. Appendicitis	18	3	1	2	1					1
122. Hernia, intestinal obstruction	35			1	3				2	1
122A. Hernia	11			1	1					
122B. Intestinal obstruction	24				2				2	1
123. Other diseases of the intestines	4									
124. Cirrhosis of the liver	8									
124B. Not specified as alcoholic	8									
125. Other diseases of the liver	2									
125B. Others under this title	2									
126. Biliary calculi	8			1						
127. Other diseases of the gall-bladder and biliary passages	8	1		1						
128. Diseases of the pancreas	2		1							
129. Peritonitis, cause not specified	2									
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM										
Total	182	13	4	21	4	10	2	2	9	5
130. Acute nephritis (including unspecified, under 10 years of age)	5	1								1
131. Chronic nephritis	90	2	2	15	2	5	1	1	2	3
132. Nephritis, unspecified (10 years and over)	38	4	1	4	1		1	1	1	
133. Other diseases of the kidneys and ureters	13	1			1	2			1	1
134. Calculi of the urinary passages	2		1							
135. Diseases of the bladder (tumours excepted)	5			1		1			1	
136. Diseases of the urethra, urinary abscess, etc	1								1	
136A. Stricture of the urethra	1								1	
137. Diseases of the prostate	24	5		1		1			1	
139. Diseases of the female genital organs (not specified as venereal)	4					1			2	
139B. of the uterus	3					1			1	
139C. Of the breast	1								1	
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE										
Total	26	1		7		2				1
140. Abortion with septic conditions	3			1						
140A. Abortion	2			1						
140B. Self-induced abortion	1									
144. Puerperal haemorrhage	4			1		1				
144A. Placenta praevia	3			1						
144B. Other haemorrhages	1					1				
145. Puerperal septicaemia (not specified as due to abortion)	4			1						
145A. Puerperal septicaemia and pyaemia	4			1						
146. Puerperal albuminuria and eclampsia	8	1		2		1				1
147. Other toxaemias of pregnancy	3			1						
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	4			1						
148B. Embolism	3			1						
148C. Sudden death	1									

5,000 TO 10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1940—Continued

Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
14	5	6	2	13	7	1	4	15	2	2	4	....	12	8	....	4	....	....	1	2	
1	....	1	....	....	1	1	1	1	....	....	....	....	1	....	....	....	....	....	....	....	115
1	....	....	....	....	....	1	1	....	....	....	....	....	1	....	....	....	....	....	....	....	115A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	115B
....	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	115C
....	....	1	1	4	2	....	....	2	....	....	1	....	....	1	....	....	....	....	....	....	117
....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	117A
....	....	....	1	3	2	....	....	2	....	....	1	....	....	1	....	....	....	....	....	....	117B
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	118
2	....	....	....	....	....	....	....	2	....	....	....	....	1	1	....	....	....	....	....	....	119
1	....	1	1	1	1	....	....	1	....	....	1	....	....	....	....	1	....	....	....	....	120
1	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	120A
....	....	....	1	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	120B
5	....	1	....	....	1	....	....	2	....	....	1	....	....	....	....	....	....	....	....	....	121
2	4	1	....	5	1	....	1	3	....	....	....	....	7	2	....	....	....	....	1	1	122
2	3	....	....	....	1	....	....	....	....	....	....	....	2	....	....	....	....	....	....	1	122A
....	1	1	....	5	....	....	1	3	....	....	....	....	5	2	....	....	....	....	1	....	122B
....	....	....	....	....	....	....	....	2	....	....	....	....	1	1	....	....	....	....	....	....	123
....	....	....	....	....	....	....	1	1	1	2	1	....	....	1	....	1	....	....	....	....	124
....	....	....	....	....	....	....	1	1	1	2	1	....	....	1	....	1	....	....	....	....	124B
....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	125
....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	125B
1	1	....	....	2	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	1	126
1	....	....	....	....	....	....	1	....	1	....	....	....	....	1	....	2	....	....	....	....	127
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	128
....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	129
3	9	3	9	13	6	2	1	17	3	9	7	2	5	6	....	3	2	8	....	4	
....	....	....	....	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	130
....	2	2	5	5	3	2	1	10	2	8	3	....	1	3	....	2	2	4	....	2	131
3	3	....	2	1	....	....	....	4	....	1	1	....	2	3	....	1	....	3	....	1	132
....	....	....	1	....	....	....	....	....	....	....	1	2	2	....	....	....	....	1	....	....	133
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	134
....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	135
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	136
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	136A
....	4	1	1	3	2	....	....	2	1	....	1	....	....	....	....	....	....	....	....	1	137
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	139
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	139B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	139C
2	1	....	1	3	....	....	....	3	1	....	1	....	1	....	....	....	....	1	....	1	
....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	140
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	140A
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	140B
....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	144
....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	144A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	144B
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	145
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	145A
....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	1	....	....	146
....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	147
1	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	148
....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	148B
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	148C

TABLE 40—CAUSES OF DEATH FOR TOWNS AND VILLAGES OF

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Frances
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE										
Total	6	....	1	1	....	....	1	....	1	....
152. Cellulitis, acute abscess	3	....	....	1	....	....	....	....	1	....
153. Other diseases of the skin and annexa and of the cellular tissue	3	....	1	....	....	....	1	....	....	....
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION										
Total	8	1	....	....	....	1	....	....	....	1
154. Osteomyelitis	3	....	....	....	....	....	....	....	....	1
155. Other diseases of the bones (tuberculosis excepted)	2	....	....	....	....	1	....	....	....	....
156. Diseases of the joints and other organs of locomotion	3	1	....	....	....	....	....	....	....	....
156A. Of the joints (tuberculosis and rheumatism excepted)	3	1	....	....	....	....	....	....	....	....
CLASS XIV.—CONGENITAL MALFORMATIONS										
Total	32	5	....	4	1	1	....	....	1	....
157. Congenital malformations (stillbirths excluded)	32	5	....	4	1	1	....	....	1	....
157A. Congenital hydrocephalus	3	....	....	1	....	....	....	....	1	....
157B. Spina bifida and meningocele	15	3	....	2	....	....	....	....	....	....
157C. Congenital malformations of the heart	10	2	....	1	1	1	....	....	....	....
157D. Monstrosities	1	....	....	....	....	....	....	....	....	....
157E. Others under this title	3	....	....	....	....	....	....	....	....	....
CLASS XV.—DISEASES OF EARLY INFANCY										
Total	119	11	3	11	2	2	....	6	4	2
158. Congenital debility	9	....	....	....	....	....	....	1	....	....
159. Premature birth	70	7	1	7	2	2	....	1	2	1
160. Injury at birth	18	3	....	1	....	....	....	1	2	....
160A. With mention of caesarean operation	2	1	....	1	....	....	....	....	....	....
160B. Without mention of caesarean operation	16	2	....	....	....	....	....	1	2	....
161. Other diseases peculiar to early infancy (under 3 months)	22	1	2	3	....	....	....	3	....	1
161A. Atelectasis	6	....	1	1	....	....	....	....	....	....
161B. Icterus of the new-born	3	....	....	....	....	....	....	2	....	....
161E. Others, including lack of care	13	1	1	2	....	....	....	1	....	1
CLASS XVI.—SENILITY										
Total	23	....	....	3	....	2	2	....	....	....
162. Senility	23	....	....	3	....	2	2	....	....	....
162A. With senile dementia (70 years and over)	4	....	....	1	....	....	1	....	....	....
162B. Without senile dementia (70 years and over)	19	....	....	2	....	2	1	....	....	....
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS										
Total	204	12	11	26	9	12	3	....	3	4
163–171. Suicides	17	1	....	2	....	....	1	....	....	1
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	5	....	....	1	....	....	....	....	....	....
164. Suicide by poisonous gas	3	....	....	1	....	....	1	....	....	....
165. Suicide by hanging or strangulation	1	....	....	....	....	....	....	....	....	....
166. Suicide by drowning	2	1	....	....	....	....	....	....	....	....
167. Suicide by firearms	5	....	....	....	....	....	....	....	....	....
168. Suicide by cutting or piercing instruments	1	....	....	....	....	....	....	....	....	1
173–175. Homicides	5	....	1	....	....	....	....	....	....	....
173. Homicide by firearms	3	....	....	....	....	....	....	....	....	....
175. Homicide by other means	2	....	1	....	....	....	....	....	....	....
176–198. Other violent deaths	182	11	10	24	9	12	2	....	3	3
178. Accidental absorption of toxic gases	3	....	....	....	....	....	....	....	....	....

5,000 TO 10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1940—Continued

Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	152
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	153
....	....	....	....	1	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	2	
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	154
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	155
....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	156
....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	156A
....	1	1	....	....	4	2	1	2	1	....	2	....	1	....	....	1	2	1	....	1	
....	1	1	....	....	4	2	1	2	1	....	2	....	1	....	....	1	2	1	....	1	157
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	157A
....	....	....	....	....	4	2	....	1	....	....	1	....	1	....	....	....	1	....	....	....	157B
....	....	1	....	....	....	....	1	....	1	....	....	....	....	....	....	....	1	1	....	....	157C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	157D
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	157E
6	5	5	8	10	3	1	....	8	5	....	5	....	13	5	....	3	....	1	....	....	
2	....	....	....	....	....	1	....	....	....	....	1	....	1	2	....	1	....	....	....	....	158
2	4	3	6	6	1	....	....	6	5	....	4	....	7	3	....	....	....	....	....	....	159
1	....	2	....	2	....	....	....	1	....	....	....	....	3	....	....	1	....	1	....	....	160
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	160A
1	....	2	....	2	....	....	....	1	....	....	....	....	3	....	....	1	....	1	....	....	160B
1	1	....	2	2	2	....	....	1	....	....	....	....	2	....	....	1	....	....	....	....	161
....	....	....	1	1	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	161A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	161B
1	1	....	1	1	1	....	....	....	....	....	....	....	2	....	....	....	....	....	....	....	161E
1	1	3	....	....	....	....	....	1	....	....	....	....	3	3	1	1	....	....	....	2	
1	1	3	....	....	....	....	....	1	....	....	....	....	3	3	1	1	....	....	....	2	162
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	162A
1	1	3	....	....	....	....	....	1	....	....	....	....	2	3	1	1	....	....	....	1	162B
12	6	8	7	13	12	3	3	7	2	6	6	4	13	4	1	2	8	1	1	5	
1	....	1	2	1	....	1	1	....	....	1	....	1	1	....	....	....	....	1	....	1	163–171
....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	1	163
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	164
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	165
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	166
....	....	1	....	1	....	....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	167
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	168
....	....	....	....	....	....	....	1	....	....	3	....	....	....	....	....	....	....	....	....	....	173–175
....	....	....	....	....	....	....	....	....	....	3	....	....	....	....	....	....	....	....	....	....	173
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	175
11	6	7	5	12	12	2	1	7	2	2	6	3	12	4	1	2	8	....	1	4	176–191
....	....	1	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	178

TABLE 40—CAUSES OF DEATH FOR TOWNS AND VILLAGES OF

CAUSES OF DEATH	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Frances
179. Other acute accidental poisonings (except by gas)	2	....	....	....	....	....	....	....	....	....
180. Conflagration	10	....	....	7	....	....	....	....	....	....
181. Accidental burns (conflagration excepted)	6	....	....	....	....	....	....	....	....	....
182. Accidental mechanical suffocation	6	....	....	....	....	....	....	....	....	1
183. Accidental drowning	12	....	....	1	....	1	1	....	....	....
184. Accidental injury by firearms	2	1	....	....	....	....	....	....	....	....
185. Accidental injury by cutting or piercing instruments	3	....	....	....	....	1	....	....	....	....
186. Accidental injury by fall, crushing or landslide	130	9	10	16	9	10	1	....	2	2
188. Injuries by animals	1	....	....	....	....	....	....	....	....	....
190. Excessive cold	1	....	....	....	....	....	....	....	....	....
191. Excessive heat	1	....	....	....	....	....	....	....	....	....
194. Other accidents	2	....	....	....	....	....	....	....	....	....
194B. Others under this title	2	....	....	....	....	....	....	....	....	....
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown	3	1	....	....	....	....	....	....	1	....
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH										
Total	3	1	....	....	....	....	....	....	....	....
199. Sudden death	2	1	....	....	....	....	....	....	....	....
200. Cause of death not specified or ill-defined	1	....	....	....	....	....	....	....	....	....

SPECIAL CLASSES OF ACCIDENTAL DEATHS FOR

(Included also under the numbers

ONTARIO,

	Total	Barrie	Brampton	Brockville	Cobourg	Collingwood	Dundas	Eastview	Fort Erie	Fort Frances
A. Accidents in mines and quarries	1	....	....	....	....	....	....	....	....	....
B. Accidents caused by machines	6	....	....	1	1	....	....	....	....	1
C. Railway accidents	9	2	....	1	....	....	....	....	1	....
E. Automobile and motorcycle accidents	52	3	3	6	4	3	1	....	1	....
F. Other land transportation	1	....	....	....	1	....	....	....	....	....
G. Water transportation	3	....	....	....	....	....	....	....	....	....
H. Air transportation	1	....	....	....	....	....	....	....	....	....

5,000 TO 10,000 POPULATION IN THE PROVINCE OF ONTARIO, 1940—Continued

Hawkesbury	Ingersoll	Kenora	Leamington	Lindsay	Midland	Mimico	New Toronto	Orillia	Port Colborne	Preston	Renfrew	Riverside	Simcoe	Smith's Falls	Swansea	Thorold	Trenton	Waterloo	Weston	Whitby	
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	179
....	....	1	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	180
1	....	....	....	....	....	....	....	1	....	....	3	....	1	....	....	....	....	....	....	....	181
....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	1	1	....	1	....	182
....	1	2	....	....	3	....	....	....	....	....	....	....	....	....	1	....	2	....	....	....	183
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	184
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	185
7	4	3	5	9	7	1	1	5	2	2	3	2	9	4	....	1	4	....	....	2	186
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	188
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	190
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	194
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	196
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	194B
....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	195
....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	199
....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	200

TOWNS AND VILLAGES OF 5,000 TO 10,000 POPULATION

of the International List above)

1940

....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	A
2	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	B
....	....	....	....	1	....	1	....	....	....	....	....	....	1	....	....	....	1	....	....	1	C
5	3	1	3	2	3	....	....	1	....	....	1	1	4	2	....	....	4	....	....	1	E
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	F
....	....	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	G
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	H

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
Deaths—All Causes. **Total**	**20,106**	**261**	**387**	**358**	**256**	**43**	**249**	**201**	**206**	**1698**	**603**	**139**
Class I.—Infectious and Parasitic Diseases												
Total	887	10	12	21	27	1	41	1	5	54	52	7
1. Typhoid fever	14	....	1	....	2	....	....	....	....	1	1	....
2. Paratyphoid fever	1	....	....	....	....	....	....	....	....	....	....	....
5. Undulant fever	1	....	....	....	....	....	....	....	....	....	....	....
7. Measles	10	....	....	....	....	....	....	....	....	....	....	....
8. Scarlet fever	21	....	....	....	....	....	....	....	1	9	....	....
9. Whooping-cough	46	2	....	....	5	....	....	....	....	4	2	3
10. Diphtheria	4	....	....	....	1	....	....	....	....	....	....	....
11. Influenza	198	1	2	8	6	....	2	....	1	9	15	1
11A. Sole cause	10	....	....	2	....	....	....	....	....	....	....	....
11B. With bronchitis	9	....	....	....	1	....	....	....	....	1	2	....
11C. With pneumonia	83	....	....	3	3	....	....	....	1	3	8	1
11D. With other diseases of the respiratory system	10	....	....	....	....	....	....	....	....	3	....	....
11E. With intestinal complications	11	....	....	2	....	....	....	....	....	....	....	....
11E. With other causes	75	1	2	1	2	....	2	....	....	2	5	....
13. Dysentery	7	....	....	1	....	....	....	....	....	....	....	....
15. Erysipelas	18	....	1	1	....	....	....	....	1	1	....	....
16. Poliomyelitis and polioencephalitis (acute)	9	....	1	....	....	....	1	....	....	1	....	....
17. Lethargic or epidemic encephalitis	8	....	....	....	....	....	....	....	....	....	....	....
18. Epidemic cerebrospinal meningitis	24	....	1	....	....	....	....	....	....	3	3	1
22. Tetanus	8	1	1	1	....	....	....	....	....	....	....	....
23–32. Tuberculosis	371	5	3	5	10	1	33	1	1	15	19	2
23. Tuberculosis of the respiratory system	271	2	2	2	5	1	29	....	1	12	15	....
24. Tuberculosis of the meninges and central nervous system	43	....	....	2	2	....	2	....	....	2	2	1
25. Tuberculosis of the intestines and peritoneum	25	1	1	1	....	....	1	....	....	1	1	1
26. Tuberculosis of the vertebral column	9	2	....	....	....	....	....	1	....	....	1	....
27. Tuberculosis of the bones and joints (vertebral column excepted)	5	....	....	....	1	....	....	....	....	....	....	....
27A. Of the bones	3	....	....	....	1	....	....	....	....	....	....	....
27B. Of the joints	2	....	....	....	....	....	....	....	....	....	....	....
28. Tuberculosis of the skin and sub-cutaneous cellular tissue	1	....	....	....	1	....	....	....	....	....	....	....
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	2	....	....	....	....	....	....	....	....	....	....	....
30. Tuberculosis of the genito-urinary system	10	....	....	....	....	....	1	....	....	....	....	....
31. Tuberculosis of other organs	2	....	....	....	....	....	....	....	....	....	....	....
32. Disseminated tuberculosis	3	....	....	....	1	....	....	....	....	....	....	....
32A. Acute	1	....	....	....	1	....	....	....	....	....	....	....
32C. Not specified	2	....	....	....	....	....	....	....	....	....	....	....
34. Syphilis	111	1	....	2	3	....	5	....	1	7	10	....
35. Gonococcus infection and other venereal diseases	2	....	....	....	....	....	....	....	....	....	1	....
36. Purulent infection, septicaemia (non-puerperal)	16	....	1	....	....	....	....	....	....	2	1	....
41. Hydatid cysts	1	....	....	1	....	....	....	....	....	....	....	....
41A. Of the liver	1	....	....	1	....	....	....	....	....	....	....	....
42. Other diseases caused by helminths	1	....	....	1	....	....	....	....	....	....	....	....
43. Mycoses	5	....	1	....	....	....	....	....	....	....	....	....
44. Other infectious or parasitic diseases	11	....	....	1	....	....	....	....	....	2	....	....
44A. Chicken-pox	3	....	....	....	....	....	....	....	....	2	....	....
44C. Others under this title	8	....	....	1	....	....	....	....	....	....	....	....
Class II.—Cancer and Other Tumours												
Total	3,151	22	66	44	37	9	25	35	24	269	93	10
45–53. Cancer and other malignant tumours	2,958	21	62	42	35	9	25	35	22	258	88	9
45. Cancer of the buccal cavity and pharynx	109	....	1	2	1	....	....	3	....	4	5	1
46. Cancer of the digestive tract and peritoneum	1,396	11	30	23	16	3	12	19	11	129	33	3
46A. Of the oesophagus	78	....	1	....	....	....	....	1	1	9	1	....
46B. Of the stomach and duodenum	470	2	10	9	7	1	4	2	3	33	10	1
46C. Of the rectum	174	1	1	1	2	....	2	3	1	23	1	1
46D. Of the liver and biliary ducts	125	1	1	3	....	....	1	1	1	14	3	....
46E. Of the pancreas	108	1	1	3	1	....	1	2	....	10	1	....
46E. Of the peritoneum	10	....	....	....	1	....	....	....	....	....	....	....
46G. Of other organs	431	6	16	7	5	2	4	10	5	40	17	1
47. Cancer of the respiratory organs	202	1	4	1	2	....	3	1	1	26	5	2
47A. Of the larynx	24	....	....	....	....	....	....	....	....	2	1	....
47B. Of the lung	123	1	3	1	2	....	2	1	1	16	1	1
47C. Of the mediastinum	11	....	....	....	....	....	....	....	....	1	2	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1940

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
402	**1158**	**228**	**188**	**239**	**1931**	**180**	**187**	**404**	**264**	**318**	**263**	**242**	**242**	**241**	**325**	**199**	**7387**	**166**	**896**	**245**	
11	44	9	6	12	144	11	13	22	16	14	5	8	19	5	16	15	188	8	63	27	
....	....	....	....	....	2	1	....	....	....	....	....	....	....	....	1	2	3	....	....	....	1
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	2
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	5
1	2	1	....	....	....	1	....	1	1	1	....	....	1	....	....	....	....	....	1	....	7
....	....	....	....	....	2	1	1	....	....	1	....	1	....	....	....	....	5	....	....	....	8
....	1	1	....	....	11	....	1	1	2	....	....	....	....	1	....	4	4	....	4	....	9
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	10
5	8	3	2	8	23	5	6	6	2	6	3	2	14	2	3	4	28	4	19	....	11
....	....	1	....	....	2	....	1	1	....	....	....	....	....	....	1	1	1	....	....	....	11A
....	....	....	....	....	2	....	....	....	....	....	....	1	....	....	....	....	1	1	....	....	11B
2	3	....	....	2	7	3	1	3	2	2	3	....	6	1	2	2	13	2	10	....	11C
....	1	....	....	....	2	....	1	....	....	....	....	....	....	....	....	....	2	....	1	....	11D
2	....	....	....	....	1	....	1	....	....	1	....	1	....	....	....	....	....	....	3	....	11E
1	4	2	2	6	9	2	2	2	....	3	....	....	8	1	....	1	11	1	5	....	11F
1	....	....	1	....	1	....	....	1	....	....	....	1	....	1	....	....	....	....	....	....	13
....	....	....	1	....	3	1	....	....	....	....	1	1	....	....	....	....	6	....	1	....	15
....	2	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	16
1	....	....	....	....	....	1	....	3	....	....	....	....	....	....	....	....	1	....	1	1	17
....	1	....	....	....	6	....	1	....	....	....	....	....	....	....	....	1	6	....	1	....	18
....	1	....	1	....	1	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....	22
2	17	2	1	4	75	....	4	9	7	....	....	3	3	1	7	1	88	2	27	23	22–32
1	10	2	1	3	63	....	3	7	1	....	....	3	2	....	3	1	59	....	21	22	23
....	2	....	....	....	8	....	....	....	4	....	....	....	1	1	3	....	10	1	2	....	24
....	2	....	....	....	3	....	....	1	....	....	....	....	....	....	1	....	9	....	1	1	25
....	1	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	1	....	1	....	26
....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	27
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	27A
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	27B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	28
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	29
1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	5	1	1	....	30
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	31
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	32
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	32A
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	32C
1	11	2	....	....	13	1	....	....	1	3	1	....	1	....	3	2	31	2	7	3	34
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	35
....	1	....	....	....	2	....	....	....	....	1	....	....	....	....	....	1	7	....	....	....	36
....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	41
....	...	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	41A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	42
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	43
....	....	....	....	....	....	....	....	1	1	1	....	....	....	....	....	....	4	....	1	....	44
....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	44A
....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	....	4	....	1	....	44C
67	148	34	23	33	299	22	28	48	38	40	34	37	21	27	26	26	1371	22	139	34	
63	135	31	23	29	283	21	25	46	36	38	33	35	19	27	23	24	1277	21	131	32	45–53
1	4	....	1	2	18	....	....	2	1	1	1	1	....	....	1	1	48	2	6	2	45
33	61	17	15	13	134	9	15	26	19	23	17	15	10	13	14	12	589	9	50	12	46
2	4	1	3	....	6	....	....	....	....	2	....	1	....	....	1	....	45	....	....	....	46A
10	23	9	8	6	48	3	5	6	7	12	7	4	3	7	7	9	188	2	19	5	46B
3	12	2	....	....	12	1	1	5	1	....	3	1	1	1	1	1	85	....	5	3	46C
4	4	1	1	1	9	3	2	4	4	3	1	1	2	....	2	....	56	....	1	1	46D
4	2	1	2	2	10	1	....	2	1	1	2	....	1	1	....	....	51	2	5	....	46E
....	....	....	....	....	3	....	....	....	....	1	....	1	....	....	....	....	3	....	1	....	46F
10	16	3	1	4	46	1	7	9	6	4	4	7	3	4	3	2	161	5	19	3	46G
2	9	....	....	1	13	....	....	1	....	4	2	3	1	1	1	2	101	5	7	3	47
1	....	....	....	....	5	....	....	....	....	....	....	2	....	....	....	....	13	....	....	....	47A
1	5	....	....	....	7	....	....	1	....	3	2	1	1	....	1	2	58	4	5	3	47B
....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	5	....	1	....	47C

TABLE 41—CAUSES OF DEATH FOR CITIES TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
47D. Of other organs of the respiratory system	44	....	1	....	....	....	1	....	....	7	1	1
48. Cancer of the uterus	241	4	5	2	2	1	....	....	1	22	8	....
48A. Of the uterus	122	4	4	1	2	1	....	....	1	11	3	....
48B. Of the cervix uteri	119	....	1	1	....	....	....	....	....	11	5	....
49. Cancer of other female genital organs	100	1	3	1	....	1	....	....	4	9	....	2
50. Cancer of the breast	318	1	6	6	5	3	5	5	3	20	14	1
51. Cancer of the male genito-urinary organs	251	2	8	2	4	....	2	4	1	19	13	....
51A. Of the bladder	94	....	3	1	2	....	1	1	....	10	3	....
51B. Of the kidney	22	....	1	....	....	....	....	....	....	1	2	....
51C. Of the prostate gland	123	2	4	1	2	....	1	3	1	8	7	....
51D. Of the testicles and annexa	8	....	....	....	....	....	....	....	....	....	....	....
51E. Of other male genito-urinary organs	4	....	....	....	....	....	....	....	....	....	1	....
52. Cancer of the skin	42	....	2	1	....	....	....	....	....	3	2	....
53. Cancer of other or unspecified organs	299	1	3	4	5	1	3	3	1	26	8	....
53A. Of the eye and orbit	4	....	....	....	....	....	....	....	....	1	....	....
53C. Of the glandular system	50	....	....	1	1	....	....	....	....	3	2	....
53D. Of the female urinary organs	58	1	....	1	1	....	2	....	....	6	2	....
53E. Of the bones and joints	56	....	....	2	....	1	1	2	1	4	2	....
53F. Of the brain	59	....	2	....	....	....	....	1	....	3	....	....
53G. Of the spine and spinal cord	13	....	....	....	....	....	....	....	....	3	....	....
53H. Of the neck	5	....	....	....	1	....	....	....	....	....	2	....
53I. Of the abdomen	22	....	....	....	....	....	....	....	....	2	....	....
53J Of other specified organs	18	....	1	....	2	....	....	....	....	1	....	....
53K. Multiple cancer	12	....	....	....	....	....	....	....	....	3	....	....
53M. Of unspecified or unknown location	2	....	....	....	....	....	....	....	....	....	....	....
54. Non-malignant tumours	158	1	4	2	1	....	....	....	2	7	5	1
54A. Of the ovary	18	1	....	1	....	....	....	....	....	1	2	....
54B. Of the uterus	24	....	....	....	....	....	....	....	1	1	....	....
54D. Of the brain	21	....	....	1	....	....	....	....	....	1	2	....
54E. Of the thyroid gland	26	....	4	....	....	....	....	....	1	2	....	1
54F. Of the prostate gland	45	....	....	....	1	....	....	....	....	....	....	....
54G. Of other or unspecitd sites	24	....	....	....	....	....	....	....	....	2	1	....
55. Tumours, nature not specified	35	....	....	....	1	....	....	....	....	4	....	....
55B. Of the uterus	1	....	....	....	....	....	....	....	....	....	....	....
55D. Of the brain	19	....	....	....	1	....	....	....	....	1	....	....
55G. Of other or unspecified sites	15	....	....	....	....	....	....	....	....	3	....	....
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES												
Total	705	11	9	10	7	1	6	7	6	56	27	3
56. Acute rheumatic fever	136	4	....	4	2	....	2	....	1	9	7	....
57. Chronic rheumatism, osteo-arthritis	12	....	....	....	....	....	....	....	....	....	2	....
58. Gout	1	....	....	....	....	....	....	....	....	....	....	....
59. Diabetes mellitus	410	6	8	4	2	1	3	3	4	41	10	1
61. Beriberi	1	....	....	....	....	....	....	....	....	....	....	....
62. Pellagra	3	....	....	....	....	....	....	....	....	....	....	....
63. Rickets	4	....	....	....	....	....	....	....	....	....	....	....
65. Diseases of the pituitary gland	1	....	....	....	....	....	....	....	....	....	....	....
66. Diseases of the thyroid and parathyroid glands	99	1	1	1	2	....	1	1	....	3	6	....
66A. Simple goitre	12	....	....	....	....	....	....	....	....	....	1	....
66B. Exophthalmic goitre	81	1	1	1	2	....	....	1	....	3	5	....
66C. Myxoedema, cretinism	3	....	....	....	....	....	....	....	....	....	....	....
66D. Tetany	2	....	....	....	....	....	1	....	....	....	....	....
66E. Others under this title	1	....	....	....	....	....	....	....	....	....	....	....
67. Diseases of the thymus gland	19	....	....	....	1	....	....	3	....	....	2	2
68. Diseases of the adrenals (Addison's disease)	9	....	....	....	....	....	....	....	1	2	....	....
69. Other general diseases	10	....	....	1	....	....	....	....	....	1	....	....
69A. Fatty or amyloid degeneration	6	....	....	1	....	....	....	....	....	1	....	....
69C. Others under this title	4	....	....	....	....	....	....	....	....	....	....	....
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS												
Total	276	3	7	3	3	....	2	....	4	29	2	....
70. Haemorrhagic conditions	18	1	....	....	....	....	....	....	....	3	....	....
70A. Simple purpura	18	1	....	....	....	....	....	....	....	3	....	....
71. Anaemia	122	2	4	2	2	....	1	....	2	9	2	....
71A. Pernicious anaemia	110	1	3	2	2	....	1	....	2	7	2	....
71B. Others under this title	12	1	1	....	....	....	....	....	....	2	....	....
72. Leukaemia and aleukaemia	114	....	2	....	1	....	1	....	1	15	....	....
72A. Leukaemia	85	....	1	....	1	....	1	....	....	13	....	....
72B. Aleukaemia (Hodgkin's disease)	29	....	1	....	....	....	....	....	1	2	....	....
73. Diseases of the spleen	14	....	....	1	....	....	....	....	1	2	....	....
74. Other diseases of the blood and blood-forming organs	8	....	1	....	....	....	....	....	....	....	....	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1940—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
....	4	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	25	1	1	....	47D
7	9	4	1	2	30	2	2	2	4	2	5	5	1	1	....	1	101	1	15	1	48
5	2	2	....	....	14	1	....	1	4	2	4	2	....	....	....	....	49	1	7	1	48A
2	7	2	1	2	16	1	2	1	....	....	1	3	1	1	....	1	52	....	8	....	48B
3	3	1	....	....	5	1	....	5	2	1	....	....	1	....	....	1	47	....	7	2	49
6	15	2	....	7	31	2	1	4	5	5	1	4	2	4	1	3	137	3	11	5	50
1	16	3	3	1	20	3	3	4	1	1	3	3	2	3	3	3	99	....	19	5	51
....	6	....	1	1	6	1	1	....	....	1	....	....	....	2	1	1	38	....	9	5	51A
....	1	....	....	....	2	....	....	1	....	....	....	....	....	....	1	....	7	....	6	....	51B
1	8	2	2	....	11	2	2	3	....	....	3	3	2	1	1	2	48	....	3	....	51C
....	1	1	....	....	1	....	....	....	1	....	....	....	....	....	....	....	4	....	....	....	51D
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	51E
2	4	2	....	2	4	....	....	....	1	1	....	2	2	....	....	....	12	....	2	....	52
8	14	2	3	1	28	4	4	2	3	....	4	2	....	5	3	1	143	1	14	2	53
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	53A
....	4	1	2	....	2	....	1	....	....	....	....	....	....	1	....	....	28	....	4	....	53C
3	4	....	....	....	5	....	....	1	1	....	....	....	....	1	1	....	22	1	4	2	53D
2	....	....	....	....	7	1	1	1	1	....	1	2	....	1	1	....	22	....	3	....	53E
....	2	....	1	1	5	2	1	....	1	....	2	....	....	1	....	1	35	....	1	....	53F
....	....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	7	....	....	....	53G
....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	53H
1	1	....	....	....	5	1	....	....	....	....	....	....	....	1	1	....	9	....	1	....	53I
1	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	10	....	1	....	53J
....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	7	....	....	....	53K
1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	53M
4	11	3	....	2	11	1	1	2	2	1	1	2	2	....	3	2	80	1	5	1	54
....	4	1	....	....	1	....	....	....	....	1	....	....	1	....	....	....	3	....	1	1	54A
1	4	1	....	1	2	....	....	....	....	....	1	1	1	....	2	1	6	....	1	....	54B
....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	14	....	1	....	54D
....	2	....	....	1	1	1	....	1	1	....	....	1	....	....	1	....	9	....	....	....	54E
3	....	1	....	....	5	....	....	1	....	....	....	....	....	....	....	....	34	....	....	....	54F
....	1	....	....	....	2	....	....	....	1	....	....	....	....	....	....	....	14	1	2	....	54G
....	2	....	....	2	5	....	2	....	....	1	....	....	....	....	....	....	14	....	3	1	55
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	55B
....	2	....	....	1	2	....	1	....	....	1	....	....	....	....	....	....	9	....	1	....	55D
....	....	....	....	....	3	....	1	....	....	....	....	....	....	....	....	....	5	....	2	1	55G
20	35	8	9	6	60	13	7	15	9	13	16	12	10	13	11	9	250	8	31	7	
5	9	....	1	1	13	2	....	2	3	3	2	1	2	2	2	2	47	2	8	....	56
....	....	....	....	....	1	1	1	1	....	....	....	....	....	....	....	....	5	....	....	1	57
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	58
10	21	7	4	4	33	7	5	10	3	7	11	8	4	6	8	4	147	5	18	5	59
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	61
....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	62
1	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	1	....	....	....	63
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	65
3	4	....	4	1	9	2	1	1	2	2	2	3	2	4	....	....	38	....	4	1	66
....	2	....	....	....	3	....	....	....	....	....	1	....	1	....	....	....	4	....	....	....	66A
3	2	....	4	1	6	2	1	1	2	2	1	3	1	3	....	....	30	....	4	1	66B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	2	....	....	....	66C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	66D
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	66E
1	....	1	....	....	....	....	....	1	....	....	....	....	2	....	1	3	2	....	....	....	67
....	....	....	....	....	2	1	....	....	....	....	1	....	....	....	....	....	2	....	....	....	68
....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	5	....	1	....	69
....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	2	....	....	....	69A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	1	....	66C
7	12	4	2	....	29	....	3	5	6	6	....	7	3	9	6	....	104	2	16	2	
....	....	1	1	....	2	....	....	1	....	....	....	1	....	2	....	....	6	....	....	....	70
....	....	1	1	....	2	....	....	1	....	....	....	1	....	2	....	....	6	....	....	....	70A
2	6	2	....	....	14	....	1	4	2	3	....	5	2	5	3	....	39	....	8	2	71
1	6	2	....	....	12	....	1	4	2	3	....	4	2	5	1	....	37	....	8	2	71A
1	....	....	....	....	2	....	....	....	....	....	....	1	....	....	2	....	2	....	....	....	71B
4	4	1	....	....	12	....	2	....	3	3	....	1	1	2	2	....	51	2	6	....	72
4	3	....	....	....	9	....	1	....	2	....	....	1	1	2	2	....	38	2	4	....	72A
....	1	1	....	....	3	....	1	....	1	3	....	....	....	....	....	....	13	....	2	....	72B
....	2	....	1	....	....	....	....	....	1	....	....	....	....	....	1	....	5	....	....	....	73
1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	3	....	2	....	74

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS												
Total	32								5		1	
75. Alcoholism	28								5		1	
75A. Delirium tremens	1											
75B. Other alcoholic intoxications	27								5		1	
76. Chronic poisoning, by other organic substances	4											
76A. Chronic morphinism	2											
76D. Other organic poisoning	2											
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE												
Total	879	5	13	11	6	2	8	10	6	64	14	3
78. Encephalitis (non-epidemic)	26	1	1				1				2	
79. Simple meningitis	49		1	1			2			4		
80. Progressive locomotor ataxia (tabes dorsalis)	14									3		
81. Other diseases of the spinal cord	60	1	1	1	1		2	1		6		
82. Cerebral haemorrhage, cerebral embolism and thrombosis	406	1	6	3	2	2	1	5	5	26	6	
82A. Cerebral haemorrhage	304	1	3	1	2	2	1	5	5	19	4	
82B. Cerebral embolism and thrombosis	65		3	1						3	2	
82C. Softening of the brain	1											
82D. Hemiplegia and other paralysis, cause not specified	36			1						4		
83. General paralysis of the insane	38							1			1	1
84. Dementia praecox and other psychoses	57									1	1	
84A. Dementia praecox	51										1	
84B. Other psychoses	6									1		
85. Epilepsy	22				2						2	
86. Convulsions (under 5 years of age)	4									2		
87. Other diseases of the nervous system	161	1	1	4	1		1	3	1	18	1	2
87A. Chorea	2			1						1		
87B. Neuralgia and neuritis	12									1	1	
87C. Paralysis agitans	78	1		2			1	2		7		1
87D. Sclerosis (other than of the spinal cord)	47		1	1				1		7		1
87E. Others under this title	22				1				1	2		
88. Diseases of the organs of vision	4											
89. Diseases of the ear and mastoid process	38	1	3	2			1			4	1	
89A. Otitis	22	1	1	1			1			4		
89B. Diseases of the mastoid process	16		2	1							1	
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM												
Total	7,171	75	142	110	50	23	72	86	78	646	184	27
90–95. Diseases of the heart	4,260	40	94	61	28	16	48	52	45	321	100	19
90. Pericarditis	6									1		
91. Acute endocarditis	63	1	1	2			2			6		
91A. Endocarditis specified as acute	51	1	1	2			1			6		
91B Endocarditis, unspecified (under 45 years of age)	12						1					
92. Chronic endocarditis, valvular diseases	374	2	13	7	3	1	4	2	7	17	6	4
92A. Endocarditis specified as chronic and other valvular diseases	322	1	11	6	3	1	4	2	7	14	6	4
92B. Endocarditis, unspecified (45 years and over)	52	1	2	1						3		
93. Diseases of the myocardium	1,066	7	21	16	11	2	12	10	10	85	14	7
93A. Acute myocarditis	28									5		
93B. Myocarditis, unspecified (under 45 years of age)	14									2		
93C. Chronic myocarditis and myocardial degeneration	696	4	12	11	4	2	10	9	4	38	9	6
93D. Myocarditis, unspecified (45 years and over)	328	3	9	5	7		2	1	6	40	5	1
94. Diseases of the coronary arteries and angina pectoris	2,565	23	56	33	14	13	30	39	27	202	73	8
94A. Diseases of the coronary arteries	129	1	4	1			1	1	1	9	2	
94B. Embolism and thrombosis of the coronary arteries	2,278	21	49	29	12	13	29	34	24	182	68	7
94C. Angina pectoris	158	1	3	3	2			4	2	11	3	1
95. Other diseases of the heart	186	7	3	3				1	1	10	7	
95A. Functional diseases of the heart	40	2	1	1						2	2	
95B. Other and unspecified	146	5	2	2				1	1	8	5	
96. Aneurysm (except of the heart)	41				1		1	1		8	2	
97 Arteriosclerosis (of coronary arteries excepted)	2,159	28	44	37	19	6	17	31	29	252	69	6

OF 10,000 POPULATION AND OVER—ONTARIO, 1940—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
1	2	....	....	1	3	....	1	....	....	....	....	....	....	....	1	1	16	....	....	....	
1	2	....	....	1	3	....	1	....	....	....	....	....	....	....	1	1	12	....	....	....	75
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	75A
1	2	....	....	1	2	....	1	....	....	....	....	....	....	....	1	1	12	....	....	....	75B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4	....	....	....	76
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	76A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	76D
10	60	11	8	8	72	6	6	12	5	11	10	8	9	14	9	7	390	8	31	42	
....	1	....	....	....	1	....	....	....	....	....	2	....	....	....	....	2	15	....	....	....	78
....	5	....	1	1	2	1	1	1	....	1	....	1	1	1	1	1	17	3	3	....	79
....	....	....	....	....	3	....	....	....	....	....	1	....	....	....	....	....	6	....	1	....	80
....	5	3	....	....	6	....	....	1	1	....	....	2	....	1	1	....	25	....	2	....	81
7	21	8	5	5	32	2	3	5	3	5	6	4	5	12	4	1	200	3	13	5	82
4	16	7	5	3	20	1	2	2	3	3	5	4	2	11	3	1	152	2	12	3	82A
2	2	1	....	2	4	1	....	1	....	1	1	....	2	....	1	....	36	1	1	....	82B
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	82C
1	3	....	....	....	7	....	1	2	....	1	....	....	1	1	....	....	12	....	....	2	82D
....	2	....	....	....	1	....	1	....	....	1	....	....	....	....	1	....	25	....	2	2	83
....	12	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	13	1	....	27	84
....	11	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	12	....	....	27	84A
....	1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	1	1	....	....	84B
....	....	....	....	....	1	....	....	....	....	1	....	....	1	....	1	3	5	....	....	6	85
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	86
3	12	....	2	....	18	2	....	3	1	2	1	....	1	....	1	....	72	1	8	1	87
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	87A
1	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	5	....	1	1	87B
..	6	....	....	....	12	1	....	2	1	2	1	....	1	....	1	....	32	1	4	....	87C
2	5	....	....	....	4	....	....	1	....	....	....	....	....	....	....	....	24	....	....	....	87D
....	....	....	2	....	2	....	....	....	....	....	....	....	....	....	....	....	11	....	3	....	87E
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	88
....	2	....	....	1	7	....	1	2	....	1	....	1	....	....	....	....	8	....	2	1	89
....	....	....	....	....	4	....	....	1	....	1	....	1	....	....	....	....	4	....	2	1	89A
....	2	....	....	1	3	....	1	1	....	....	....	....	....	....	....	....	4	....	....	....	89B
133	419	75	77	88	658	65	44	144	79	114	116	91	84	92	70	39	2856	48	310	76	
72	254	50	52	41	386	32	31	81	44	64	56	53	58	62	45	33	1760	22	198	42	90–95
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	3	....	1	....	90
1	3	....	....	....	7	....	1	1	1	1	1	....	1	1	....	....	31	....	2	....	91
1	3	....	....	....	5	....	....	1	....	1	1	....	1	1	....	....	25	....	1	....	91A
....	....	....	....	....	2	....	1	....	1	....	....	....	....	....	....	....	6	....	1	....	91B
6	12	4	6	3	41	4	10	8	3	8	1	4	7	4	5	3	151	1	22	5	92
6	11	4	6	3	34	4	6	8	3	7	1	3	4	4	5	3	126	1	19	5	92A
....	1	....	....	....	7	....	4	....	....	1	....	1	3	....	....	....	25	....	3	....	92B
18	93	8	16	7	96	8	13	34	12	21	22	11	24	19	11	11	380	3	48	16	93
....	5	....	....	....	3	....	....	....	....	2	....	1	....	....	1	1	10	....	....	....	93A
....	2	....	....	....	1	....	....	1	....	....	....	....	....	....	2	....	5	....	1	....	93B
8	76	2	12	4	62	6	6	16	9	9	14	9	14	6	3	8	279	2	28	14	93C
10	10	6	4	3	30	2	7	17	3	10	8	1	10	13	5	2	86	1	19	2	93D
46	125	36	28	31	228	16	5	37	28	30	30	34	23	32	27	19	1121	16	117	18	94
2	7	1	....	....	10	....	....	5	20	....	....	1	....	3	2	4	40	....	14	....	94A
43	105	32	26	29	203	16	4	29	8	26	29	28	16	28	25	14	1022	14	98	15	94B
1	13	3	2	2	15	....	1	3	....	4	1	5	7	1	....	1	59	2	5	3	94C
1	21	2	2	....	13	4	2	1	....	4	2	4	3	6	2	....	74	2	8	3	95
....	4	....	....	....	1	2	....	....	....	....	1	1	....	....	....	....	21	1	1	....	95A
1	17	2	2	....	12	2	2	1	....	4	1	3	3	6	2	....	53	1	7	3	95B
1	2	....	....	....	5	1	....	1	....	1	1	1	....	....	....	....	13	1	....	1	96
52	110	21	15	41	188	26	9	55	21	42	48	27	15	24	15	5	774	22	85	26	97

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
98. Gangrene	55	1	....	2	....	....	1	....	1	....	4	....
99. Other diseases of the arteries	21	....	....	1	1	....	1	....	....	2	....	....
100. Diseases of the veins (varices, haemorrhoids, phlebitis, etc.)	37	2	....	....	....	....	....	....	....	7	1	....
101. Diseasesof the lymphatic system (lymphangitis, etc.)	3	....	....	....	....	....	....	....	....	1	....	....
102. Idiopathic abnormalities of blood pressure	595	4	4	9	1	1	4	2	3	55	8	2
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM												
Total	1,386	16	35	22	19	2	12	6	15	144	41	17
104. Diseases of the nasal fossae and annexa	13	....	....	....	....	....	....	....	....	1	....	....
105. Diseases of the larynx	10	....	....	....	....	....	1	....	....	....	....	....
105B Other diseases of the larynx	10	....	....	....	....	....	1	....	....	....	....	....
106. Bronchitis	43	....	1	1	....	....	....	....	....	4	1	....
106A. Acute	15	....	....	....	....	....	....	....	....	....	....	....
106B. Chronic	24	....	1	1	....	....	....	....	....	3	1	....
106C. Unspecified	4	....	....	....	....	....	....	....	....	1	....	....
107. Bronchopneumonia	645	5	14	10	12	2	4	2	5	65	20	9
107A. Bronchopneumonia	642	5	14	10	11	2	4	2	5	65	20	9
107B. Capillary bronchitis	3	....	....	....	1	....	....	....	....	....	....	....
108. Lobar pneumonia	343	3	9	5	3	....	2	1	6	44	11	4
109. Pneumonia, unspecified	94	3	2	3	1	....	1	1	1	9	4	2
110. Pleurisy	33	1	....	1	1	....	1	....	1	3	2	....
111. Congestion and haemorrhagic infarct of the lung, etc	56	1	2	....	2	....	1	....	1	3	3	1
111A. Pulmonary embolism and thrombosis	11	....	....	....	2	....	....	....	....	....	....	....
111B. Others under this title	45	1	2	....	....	....	1	....	1	3	3	1
112. Asthma	110	3	5	1	....	....	2	2	1	12	....	1
113 Pulmonary emphysema	2	....	....	....	....	....	....	....	....	....	....	....
114 Other diseases of the respiratory system (tuberculosis excepted)	37	....	2	1	....	....	....	....	....	3	....	....
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	10	....	2	....	....	....	....	....	....	1	....	....
114C. Others under this title	27	....	....	1	....	....	....	....	....	2	....	....
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM												
Total	1,254	19	22	33	27	2	17	14	8	118	48	9
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	82	....	2	4	1	2	4	1	1	8	2	2
115A. Diseases of the buccal cavity and annexa	29	....	1	....	....	1	1	....	....	1	....	2
115B. Diseases of the tonsils	21	....	1	2	....	....	2	1	1	3	....	....
115C. Others under this title	32	....	....	2	1	1	1	....	....	4	2	....
116. Diseases of the oesophagus	3	....	....	....	....	....	....	....	....	1	....	....
117 Ulcer of the stomach or duodenum	218	5	4	6	3	....	1	4	1	23	6	1
117A. Ulcer of the stomach	102	1	....	2	2	....	....	3	....	10	2	1
117B. Ulcer of the duodenum	116	4	4	4	1	....	1	1	1	13	4	....
118. Other diseases of the stomach	8	....	....	....	....	....	....	....	....	1	....	....
119 Diarrhoea and enteritis (under 2 years of age)	71	2	3	3	2	....	1	2	....	2	....	....
120. Diarrhoea and enteritis (2 years and over)	52	...	2	1	1	....	....	1	....	4	....	....
120A. Diarrhoea and enteritis	26	...	1	1	1	....	....	1	....	2	....	....
120B Ulceration of the intestines	26	...	1	....	....	....	....	....	....	2	....	....
121. Appendicitis	215	3	3	10	7	....	5	2	1	20	9	1
122. Hernia, intestinal obstruction	214	4	2	1	3	....	2	....	1	20	13	2
122A. Hernia	101	2	1	....	1	....	2	....	1	8	4	1
122B. Intestinal obstruction	113	2	1	1	2	....	....	....	....	12	9	1
123. Other diseases of the intestines	35	1	....	1	1	....	1	....	....	3	3	1
124. Cirrhosis of the liver	100	...	1	....	2	....	....	2	....	11	3	1
124A. Specified as alcoholic	4	....	....	....	....	....	....	....	....	....	....	....
124B. Not specified as alcoholic	96	...	1	....	2	....	....	2	...	11	3	1
125. Other diseases of the liver	21	...	1	1	....	....	1	....	....	1	....	....
125A. Yellow atrophy of the liver	3	....	1	1	....	....	....	....	....	....	....	....
125B. Others under this title	18	....	....	....	....	....	1	....	....	1	....	....
126. Biliary calculi	108	3	1	4	4	....	....	1	2	11	7	1
127. Other diseases of the gall-bladder and biliary passages	98	1	3	2	2	....	2	....	2	10	5	....
128. Diseases of the pancreas	13	....	....	....	....	....	....	1	....	....	....	....
129. Peritonitis, cause not specified	16	...	....	....	1	....	....	....	....	3	....	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1940—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
....	1	....	....	....	12	1	....	....	3	....	3	3	2	1	1	....	14	....	4	1	98
....	1	....	....	....	3	1	....	....	....	....	1	3	....	....	....	....	4	1	2	....	99
....	3	1	....	2	3	....	....	....	1	1	....	....	1	....	....	....	14	....	....	1	100
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	101
8	48	3	10	4	60	4	4	7	10	6	7	4	8	5	9	1	276	2	21	5	102
25	105	17	9	9	106	10	11	36	28	17	10	17	11	11	28	18	509	11	52	17	
....	1	....	....	1	1	....	....	....	....	....	....	....	....	1	....	1	7	....	....	....	104
....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	5	....	1	....	105
....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	5	....	1	....	105B
2	1	1	....	....	1	....	1	1	....	1	2	....	....	1	1	....	21	....	2	1	106
1	....	1	....	....	....	....	1	....	....	1	1	....	....	....	1	....	9	....	....	....	106A
1	1	....	....	....	1	....	....	1	....	....	1	....	....	1	....	....	9	....	2	1	106B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	106C
8	64	5	6	3	47	2	....	15	15	5	5	3	4	2	16	10	253	7	15	12	107
8	64	5	6	3	46	2	....	15	15	5	5	3	4	2	16	10	253	6	15	12	107A
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	107B
8	19	6	3	3	30	3	2	7	6	9	1	8	5	3	4	4	115	2	17	....	108
3	5	1	....	....	6	1	5	3	1	....	2	1	....	2	2	....	23	1	9	2	109
2	3	....	....	....	1	....	....	....	2	....	....	....	....	....	2	....	11	1	1	....	110
2	1	....	....	2	4	2	....	2	3	....	....	3	....	1	2	....	18	....	1	1	111
....	....	....	....	....	3	....	....	....	....	....	....	1	....	1	....	....	3	....	....	1	111A
2	1	....	....	2	1	2	....	2	3	....	....	2	....	....	2	....	15	....	1	....	111B
....	6	4	....	....	8	1	2	5	1	2	....	1	2	1	1	1	43	....	4	1	112
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	113
....	4	....	....	....	6	1	1	2	....	....	....	1	....	....	....	2	12	....	2	....	114
....	....	....	....	....	3	....	....	....	....	....	....	1	....	....	....	2	1	....	....	....	114A
....	4	....	....	....	3	1	1	2	....	....	....	....	....	....	....	....	11	....	2	....	114C
33	60	16	13	12	129	10	21	24	19	22	14	11	20	13	28	19	400	11	43	10	
3	2	1	1	....	6	1	1	2	....	....	3	2	4	....	3	1	19	2	2	2	115
1	2	....	1	....	3	1	....	1	....	....	....	2	....	....	....	....	11	....	1	....	115A
1	....	....	....	....	1	....	....	....	....	....	1	....	2	....	2	1	1	1	....	1	115B
1	....	1	....	....	2	....	1	1	....	....	2	....	2	....	1	....	7	1	1	1	115C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	116
3	10	4	3	3	20	....	....	1	4	7	1	2	2	....	2	6	87	....	7	2	117
2	10	2	1	2	13	....	....	....	4	6	....	....	2	....	1	3	29	....	4	2	117A
1	....	2	2	1	7	....	....	1	....	1	1	2	....	....	1	2	58	....	3	....	117B
....	1	....	....	....	....	1	1	....	....	1	....	....	....	....	....	....	3	....	....	....	118
2	2	....	....	....	15	3	2	....	1	1	....	1	2	1	10	1	11	2	2	....	119
....	4	1	....	1	8	....	3	2	....	....	....	....	1	1	....	....	20	....	2	....	120
....	3	1	....	1	4	....	2	1	....	....	....	....	1	1	....	....	6	....	....	....	120A
....	1	....	....	....	4	....	1	1	....	....	....	....	....	....	....	....	14	....	2	....	120B
7	15	3	2	1	24	2	9	3	5	3	2	2	4	1	2	5	46	3	10	5	121
9	10	1	4	5	18	1	2	5	2	3	5	3	4	3	4	1	70	4	8	4	122
3	3	....	2	1	10	1	1	3	2	1	5	2	2	1	1	1	34	3	5	....	122A
6	7	1	2	4	8	....	1	2	....	2	....	1	2	2	3	....	36	1	3	4	122B
....	....	....	....	....	3	....	....	1	3	....	1	....	....	....	....	....	16	....	....	....	123
4	3	2	1	1	10	....	1	2	....	1	1	....	1	2	1	1	44	....	4	1	124
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	3	....	....	....	124A
4	3	2	1	1	9	....	1	2	....	1	1	....	1	2	1	1	41	....	4	1	124B
....	1	....	....	....	1	....	....	....	1	....	....	....	....	....	....	2	12	....	....	....	125
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	125A
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	2	12	....	....	....	125B
3	5	2	1	....	15	2	1	2	1	3	....	....	2	1	4	....	25	....	6	1	126
2	6	....	1	1	7	....	....	5	1	3	1	1	....	4	2	2	29	....	2	4	127
....	1	2	....	....	1	....	....	1	1	....	....	....	....	....	....	....	6	....	....	....	128
....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	10	....	....	....	129

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM												
Total	1,464	30	34	35	29	1	17	18	22	107	66	5
130. Acute nephritis (including unspecified, under 10 years of age)	37	....	1	1	....	....	....	....	....	2	2	....
131. Chronic nephritis	657	19	14	13	15	1	5	9	14	50	32	2
132. Nephritis, unspecified (10 years and over)	225	4	6	8	2	....	3	3	2	13	6	1
133. Other diseases of the kidneys and ureters	85	1	1	2	1	....	3	1	1	5	1	....
134. Calculi of the urinary passages	56	....	....	1	1	....	1	....	....	5	5	....
135. Diseases of the bladder (tumours excepted)	40	....	1	1	2	....	....	....	....	....	2	1
136. Diseases of the urethra, urinary abscess, etc.	22	....	1	....	....	....	....	1	....	....	2	....
136A. Stricture of the urethra	14	....	1	....	....	....	....	1	....	....	1	....
136B. Others under this title	8	....	....	....	....	....	....	....	....	....	1	....
137. Diseases of the prostate	289	3	9	9	8	....	2	4	3	29	15	1
138. Diseases of the male genital organs (not specified as venereal)	3	....	....	....	....	....	....	....	....	1	....	....
139. Diseases of the female genital organs (not specified as venereal)	50	3	1	....	....	....	3	....	2	2	1	....
139A. Of the ovary, Fallopian tube and parametrium	25	1	1	....	....	....	2	....	....	2	....	....
139B. Of the uterus	23	2	....	....	....	....	1	....	2	....	1	....
139D. Others under this title	2	....	....	....	....	....	....	....	....	....	....	....
CLASS XI.—DISEASES OF PREGNANCY CHILDBIRTH AND THE PUERPERAL STATE												
Total	150	4	1	1	2	....	5	1	3	9	1	4
140. Abortion with septic conditions	24	....	1	....	....	....	1	....	....	1	....	1
140A. Abortion	11	....	1	....	....	....	....	....	....	....	....	1
140B. Self-induced abortion	13	....	....	....	....	....	1	....	....	1	....	....
141. Abortion without mention of septic conditions (haemorrhage included)	6	....	....	....	....	....	....	....	....	1	....	....
141A. Abortion	4	....	....	....	....	....	....	....	....	1	....	....
141B. Self-induced abortion	2	....	....	....	....	....	....	....	....	....	....	....
142. Ectopic gestation	8	....	....	....	....	....	....	....	....	1	....	....
142A. With septic conditions	1	....	....	....	....	....	....	....	....	....	....	....
142B. Without mention of septic conditions	7	....	....	....	....	....	....	....	....	1	....	....
143. Other accidents of pregnancy (haemorrhage excluded)	2	....	....	....	....	....	....	....	....	....	....	....
144. Puerperal haemorrhage	11	....	....	....	1	....	....	1	....	....	....	....
144A. Placenta praevia	4	....	....	....	....	....	....	....	....	....	....	....
144B. Other haemorrhages	7	....	....	....	1	....	....	1	....	....	....	....
145. Puerperal septicaemia (not specified as due to abortion)	21	1	....	....	....	....	1	....	....	....	....	....
145A. Puerperal septicaemia and pyaemia	21	1	....	....	....	....	1	....	....	....	....	....
146. Puerperal albuminuria and eclampsia	31	....	....	1	....	....	2	....	2	3	....	1
147. Other toxaemias of pregnancy	7	1	....	....	....	....	....	....	....	2	1	....
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	27	2	....	....	1	....	1	....	....	1	....	1
148A. Phlegmasia alba dolens and thrombosis	5	1	....	....	1	....	1	....	....	....	....	....
148B. Embolism	13	1	....	....	....	....	....	....	....	....	....	1
148C. Sudden death	9	....	....	....	....	....	....	....	....	1	....	....
149. Other accidents of childbirth	11	....	....	....	....	....	....	....	1	....	....	1
149A. Caesarean operation	5	....	....	....	....	....	....	....	1	....	....	1
149B. Other surgical operations and instrumental delivery	1	....	....	....	....	....	....	....	....	....	....	....
149C. Dystocia	1	....	....	....	....	....	....	....	....	....	....	....
149D. Rupture of uterus in parturition	3	....	....	....	....	....	....	....	....	....	....	....
149E. Others under this title	1	....	....	....	....	....	....	....	....	....	....	....
150. Other or unspecified condition of the puerperal state	2	....	....	....	....	....	....	....	....	....	....	....
150B. Others under this title	2	....	....	....	....	....	....	....	....	....	....	....
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUE												
Total	32	1	....	....	....	....	....	1	....	1	2	1
151. Carbuncle.	10	1	....	....	....	....	....	1	....	....	....	....
152. Cellulitis, acute abscess	10	....	....	....	....	....	....	....	....	1	....	....
153. Other diseases of the skin and annexa and the cellular tissue	12	..	....	....	....	....	....	....	....	....	2	1

OF 10,000 POPULATION AND OVER—ONTARIO, 1940—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
31	123	17	15	17	152	10	12	34	19	27	21	9	18	18	21	12	434	15	82	13	
2	3	1	....	1	....	1	....	....	....	....	....	....	1	1	1	1	14	2	3	....	130
9	75	7	8	6	84	2	7	10	6	10	14	2	11	4	8	4	164	5	40	7	131
3	4	2	3	6	25	2	1	9	4	2	1	2	2	4	3	1	80	4	17	2	132
1	3	....	....	....	5	1	....	2	....	4	2	1	....	....	7	2	37	....	4	....	133
2	1	1	....	1	5	....	....	1	3	1	....	1	1	....	....	....	23	1	1	1	134
....	3	1	....	....	2	2	....	....	3	....	....	....	1	....	....	1	16	....	3	1	135
1	1	....	....	....	2	....	....	2	....	....	....	....	....	....	....	....	12	....	....	....	136
1	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	7	....	....	....	136A
....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	5	....	....	....	136B
11	29	3	3	3	23	2	2	9	1	9	3	3	2	8	1	3	75	2	12	2	137
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	138
2	4	2	1	....	5	....	2	1	2	1	1	....	....	1	1	....	12	1	2	....	139
1	3	....	1	....	2	....	1	1	1	1	....	....	....	....	....	....	7	....	1	....	139A
1	1	2	....	....	2	....	1	....	1	....	1	....	....	1	1	....	4	1	1	....	139B
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	139D
6	7	1	1	6	13	1	4	2	2	4	4	2	5	2	10	1	38	2	6	2	
....	2	....	....	1	3	....	....	....	1	....	....	....	....	....	3	1	9	....	....	....	140
....	1	....	....	....	2	....	....	....	....	....	....	....	....	....	3	....	3	....	....	....	140A
....	1	....	....	1	1	....	....	....	1	....	....	....	....	....	....	1	6	....	....	....	140B
....	....	....	....	....	1	....	....	....	....	....	1	....	1	....	....	....	2	....	....	....	141
....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	141A
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	141B
1	....	1	....	....	3	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	142
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	142A
....	....	1	....	....	3	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	142B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	143
....	3	....	....	....	1	....	....	....	....	1	....	....	1	....	....	....	2	1	....	....	144
....	1	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	1	....	....	144A
....	2	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	144B
1	1	....	....	1	1	....	1	....	....	1	....	1	....	1	2	....	5	1	2	1	145
1	1	....	....	1	1	....	1	....	....	1	....	1	....	1	2	....	5	1	2	1	145A
3	1	....	1	1	1	1	2	....	1	1	1	....	1	....	1	....	5	....	2	....	146
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	1	....	....	....	147
1	....	....	....	....	3	....	....	2	....	....	1	....	1	1	3	....	8	....	....	1	148
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	148
1	....	....	....	....	2	....	....	....	....	....	1	....	....	1	1	....	4	....	....	1	148A
....	....	....	....	....	....	....	....	2	....	....	....	....	1	....	2	....	3	....	....	....	148B
....	....	....	....	2	....	....	1	....	....	1	1	....	1	....	....	....	3	....	....	....	149C
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	2	....	....	....	149
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	149B
....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	149C
....	....	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	1	....	....	....	149D
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	149E
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	150
....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	150B
3	3	....	....	....	2	....	2	1	....	....	....	....	1	....	....	1	12	....	1	....	
1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	5	....	....	....	151
....	1	....	....	....	1	....	1	1	....	....	....	....	1	....	....	1	3	....	....	....	152
2	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	4	....	1	....	153

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION												
Total	49	....	....	....	....	....	....	....	....	4	1	1
154. Osteomyelitis	29	....	....	....	....	....	....	....	....	4	....	....
155. Other diseases of the bones (tuberculosis excepted)	7	....	....	....	....	....	....	....	....	....	1	....
156. Diseases of the joints and other organs of locomotion	13	....	....	....	....	....	....	....	....	....	....	1
156A. Of the joints (tuberculosis and rheumatism excepted)	7	....	....	....	....	....	....	....	....	....	....	....
156B. Of other organs of locomotion	6	....	....	....	....	....	....	....	....	....	....	1
CLASS XIV.—CONGENITAL MALFORMATIONS												
Total	320	12	10	6	5	....	5	1	3	19	4	3
157. Congenital malformations (stillbirths excluded)	320	12	10	6	5	....	5	1	3	19	4	3
157A. Congenital hydrocephalus	36	1	....	....	....	....	1	....	2	....	....	1
157B. Spina bifida and meningocele	88	2	4	....	1	....	2	....	....	5	1	1
157C. Congenital malformations of the heart	98	5	3	1	....	....	1	1	1	6	1	....
157D. Monstrosities	10	....	....	2	....	....	....	....	....	1	....	....
157E. Others under this title	88	4	3	3	4	....	1	....	....	7	2	1
CLASS XV.—DISEASES OF EARLY INFANCY												
Total	855	17	11	20	19	....	16	9	6	58	23	22
158. Congenital debility	24	1	....	1	....	....	....	....	2	2	1	1
159. Premature birth	561	12	7	11	15	....	12	6	2	33	17	16
160. Injury at birth	142	3	4	4	2	....	3	1	2	16	2	4
160A. With mention of caesarean operation	4	....	....	....	....	....	....	....	....	....	....	....
160B. Without mention of caesarean operation	138	3	4	4	2	....	3	1	2	16	2	4
161. Other diseases peculiar to early infancy (under 3 months)	128	1	....	4	2	....	1	2	....	7	3	1
161A. Atelectasis	65	1	....	2	2	....	1	2	....	3	....	1
161B. Icterus of the new-born	18	....	....	1	....	....	....	....	....	2	1	....
161C. Sclerema and oedema	2	....	....	....	....	....	....	....	....	....	1	....
161D. Athrepsia	2	....	....	....	....	....	....	....	....	....	....	....
161E. Others, including lack of care	41	....	....	1	....	....	....	....	....	2	1	....
CLASSE XVI.—SENILITY												
Total	119	....	2	1	1	....	....	1	5	4	3	....
162. Senility	119	....	2	1	1	....	....	1	5	4	3	....
162A. With senile dementia (70 years and over)	17	....	1	....	....	....	....	1	1	....	1	....
162B. Without senile dementia (70 years and over)	102	....	1	1	1	....	....	....	4	4	2	....
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS												
Total	1,382	34	23	41	22	2	23	11	14	116	41	27
163–171. Suicides	148	1	4	....	1	....	3	....	2	9	3	3
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	24	....	....	....	....	....	....	....	1	1	....	1
164. Suicide by poisonous gas	27	....	1	....	....	....	....	....	....	1	....	....
165. Suicide by hanging or strangulation	33	....	1	....	1	....	1	....	1	3	....	....
166. Suicide by drowning	15	....	....	....	....	....	1	....	....	1	1	....
167. Suicide by firearms	22	....	2	....	....	....	1	....	....	....	2	....
168. Suicide by cutting or piercing instruments	10	1	....	....	....	....	....	....	....	1	....	1
169. Suicide by jumping from high places	12	....	....	....	....	....	....	....	....	1	....	1
170. Suicide by crushing	3	....	....	....	....	....	....	....	....	1	....	....
171. Suicide by other means	2	....	....	....	....	....	....	....	....	....	....	....
173–175. Homicides	24	....	....	....	....	....	1	....	....	2	....	....
173. Homicide by firearms	7	....	....	....	....	....	....	....	....	1	....	....
175. Homicide by other means	17	....	....	....	....	....	1	....	....	1	....	....
176–198. Other violent deaths	1,210	33	19	41	21	2	19	11	12	105	38	24
177. Food poisoning	1	....	....	....	....	....	....	....	....	....	....	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1940—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
1	....	....	....	....	6	....	1	2	2	....	1	....	....	1	2	....	25	....	2	....	
1	....	....	....	....	5	....	1	2	1	....	1	....	....	....	2	....	11	....	1	....	154
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	4	....	1	....	155
....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	10	....	....	....	156
....	....	....	....	....	....	....	....	....	1	....	....	....	....	1	....	....	5	....	....	....	156A
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	....	....	....	156B
8	18	1	1	7	30	1	1	4	6	3	2	5	3	2	8	9	122	3	12	6	
8	18	1	1	7	30	1	1	4	6	3	2	5	3	2	8	9	122	3	12	6	157
....	....	....	....	....	4	....	....	1	....	....	....	2	1	....	2	2	15	....	4	....	157A
2	5	....	....	3	14	1	....	1	....	1	1	2	....	....	1	2	36	1	....	2	157B
4	8	1	1	2	6	....	1	1	4	....	1	1	....	....	3	2	37	....	5	2	157C
1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	2	....	....	1	157D
1	4	....	....	2	6	....	....	1	2	2	....	....	2	2	1	2	32	2	3	1	157E
15	33	8	11	21	89	10	12	19	11	16	12	11	19	10	56	21	206	10	53	11	
....	2	....	1	....	2	....	2	....	1	....	....	....	2	....	1	....	4	....	1	....	158
11	26	6	4	13	56	8	7	12	6	8	11	5	9	7	33	14	139	6	40	9	159
2	4	1	5	3	18	....	1	3	3	5	1	3	2	3	12	5	21	2	6	1	160
....	....	....	....	....	1	....	1	....	1	....	....	....	....	....	1	....	....	....	....	....	160A
2	4	1	5	3	17	....	....	3	2	5	1	3	2	3	11	5	21	2	6	1	160B
2	1	1	1	5	13	2	2	4	1	3	....	3	6	....	10	2	42	2	6	1	161
2	....	1	1	2	5	1	2	3	1	1	....	3	5	....	....	1	19	1	4	1	161A
....	....	....	....	....	2	....	....	....	....	2	....	....	....	....	4	....	6	....	....	....	161B
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	161C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	161D
....	1	....	....	3	6	1	....	1	....	....	....	....	1	....	5	1	16	....	2	....	161E
....	8	....	....	2	16	4	1	12	....	8	1	1	3	6	1	....	36	1	1	1	
....	8	....	....	2	16	4	1	12	....	8	1	1	3	6	1	....	36	1	1	1	162
....	1	....	....	2	1	1	1	....	....	2	....	....	....	1	....	....	4	....	....	....	162A
....	7	....	....	....	15	3	....	12	....	6	1	1	3	5	1	....	32	1	1	1	162B
31	80	27	12	17	121	17	18	24	24	21	17	23	16	18	31	21	430	16	54	10	
3	10	3	1	3	13	....	....	1	2	3	3	1	1	3	1	2	65	....	6	1	163–171
....	2	....	....	1	4	....	....	....	....	1	2	....	....	1	....	....	9	....	1	....	163
....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	22	....	1	....	164
1	4	....	....	....	3	....	....	1	1	1	....	....	1	1	....	1	10	....	2	....	165
1	1	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	6	....	1	1	166
1	1	3	....	1	2	....	....	....	1	....	....	....	....	....	1	1	6	....	....	....	167
....	....	....	1	....	1	....	....	....	....	....	....	1	....	1	....	....	2	....	1	....	168
....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	8	....	....	....	169
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	170
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	171
....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	2	....	14	....	2	1	173–175
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	3	....	....	....	173
....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	11	....	2	1	175
28	70	23	11	14	108	17	18	23	22	18	14	21	15	15	28	19	351	16	46	8	176–198
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	177

TABLE 41—CAUSES OF DEATH FOR CITIES, TOWNS AND VILLAGES,

CAUSES OF DEATH	Total	Belleville	Brantford	Chatham	Cornwall	Forest Hill	Fort William	Galt	Guelph	Hamilton	Kingston	Kirkland Lake
178. Accidental absorption of toxic gases	14	2	1	....	1	....	....	....	....	1	....	....
179. Other acute accidental poisonings (except by gas)	11	....	....	....	1	....	....	....	....	....	....	....
180. Conflagration	38	....	....	....	6	....	3	....	1	....	2	4
181. Accidental burns (conflagration excepted)	54	1	1	4	1	....	....	1	....	4	1	1
182. Accidental mechanical suffocation	44	1	....	1	1	....	....	....	....	4	1	2
183. Accidental drowning	54	2	1	....	....	....	3	....	....	1	2	1
184. Accidental injury by firearms	12	1	....	1	....	....	....	....	....	....	....	....
185. Accidental injury by cutting or piercing instruments—	13	2	....	....	....	....	....	....	1	....	....	....
186. Accidental injury by fall, crushing or landslide	884	22	14	33	9	2	12	7	9	88	29	12
188. Injuries by animals	10	....	....	....	....	....	....	2	....	1	....	....
189. Hunger or thirst	2	....	....	....	....	....	....	....	....	....	....	....
190. Excessive cold	1	....	....	....	....	....	....	....	....	....	....	....
191. Excessive heat	16	1	1	1	....	....	....	....	....	1	1	....
193. Accidents due to electric currents	9	....	....	....	1	....	....	1	....	1	....	1
194. Other accidents	36	1	1	1	1	....	....	....	....	4	2	2
194A. Foreign body	5	....	....	....	....	....	....	....	....	....	....	1
194B. Others under this title	31	1	1	1	1	....	....	....	....	4	2	1
195. Violent deaths of which the nature (accident, suicide, homicide) is unknown	9	....	....	....	....	....	1	....	1	....	....	1
198. Capital punishment	2	....	....	....	....	....	....	....	....	....	....	....
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH												
Total	16	2	....	....	2	....	....	....	2	....	....	....
199. Sudden death	7	2	....	....	1	....	....	....	1	....	....	....
200. Cause of death not specified or ill-defined	9	....	....	....	1	....	....	....	1	....	....	....

SPECIAL CLASSES OF ACCIDENTAL DEATHS FOR

(Included also under the numbers of the

A. Accidents in mines and quarries	11	....	1	....	....	....	....	....	....	....	....	4
B. Accidents caused by machines	28	1	....	1	....	....	....	....	1	3	1	1
C. Railway accidents	35	2	....	....	....	....	....	1	....	7	....	....
D. Street-car accidents	13	....	....	....	....	....	....	....	....	1	....	....
E. Automobile and motorcycle accidents	365	8	4	18	4	....	10	3	2	46	11	4
F. Other land transportation	9	1	....	....	....	....	....	....	....	2	....	....
G. Water transportation	7	....	....	....	....	....	....	....	....	....	1	....
H. Air transportation	6	....	....	....	....	....	....	....	....	....	1	....

OF 10,000 POPULATION AND OVER—ONTARIO, 1940—Continued

Kitchener	London	Niagara Falls	North Bay	Oshawa	Ottawa	Owen Sound	Pembroke	Peterborough	Port Arthur	St. Catharines	St. Thomas	Sarnia	Sault Ste. Marie	Stratford	Sudbury	Timmins	Toronto	Welland	Windsor	Woodstock	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	5	2	....	....	178
....	....	....	1	....	3	....	....	1	....	....	....	....	1	....	....	....	4	....	....	....	179
....	....	....	....	....	....	....	....	....	6	2	....	....	....	....	4	2	7	....	1	....	180
....	3	2	....	....	10	....	1	1	2	....	1	1	....	....	2	1	12	1	3	....	181
3	2	....	....	1	5	....	....	1	1	....	....	1	....	....	2	1	17	....	....	....	182
....	1	....	....	1	8	3	2	2	3	1	....	2	1	....	3	4	12	....	1	....	183
....	....	1	....	....	3	1	....	....	....	....	....	....	....	1	1	....	1	....	2	....	184
1	....	....	....	....	3	....	1	....	....	....	....	2	....	....	....	1	2	....	....	....	185
21	59	16	8	12	68	11	12	17	10	14	11	13	12	13	15	9	274	11	35	6	186
1	....	....	....	....	2	....	....	....	....	1	2	1	....	....	....	....	....	....	....	....	188
....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	189
....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	190
....	1	....	....	....	....	....	....	....	....	....	....	1	1	....	1	....	3	....	2	2	191
....	1	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	193
1	1	....	1	....	5	2	2	1	....	....	....	....	....	1	....	....	10	....	....	....	194
....	....	....	....	....	2	....	....	1	....	....	....	....	....	....	....	....	1	....	....	....	194A
1	1	....	1	....	3	2	2	....	....	....	....	....	....	1	....	....	9	....	....	....	94B
....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3	....	1	....	195
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	198
....	1	....	1	....	2	....	2	....	....	2	....	....	....	....	1	....	....	1	....	....	
....	....	....	....	....	....	....	1	....	....	2	....	....	....	....	....	....	....	....	....	....	199
....	1	....	1	....	2	....	1	....	....	....	....	....	....	....	1	....	....	1	....	....	200

CITIES, TOWNS AND VILLAGES OF 10,000 POPULATION AND OVER

International List above), ONTARIO, 1940

....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5	1	....	....	....	A
2	....	....	....	....	5	....	2	....	....	....	....	....	4	....	....	1	4	1	....	1	B
....	2	3	....	1	....	....	1	1	1	1	....	....	....	....	1	....	10	....	3	1	C
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	12	....	....	....	D
13	17	5	6	5	23	6	5	5	5	6	5	6	5	3	10	4	99	7	18	2	E
....	1	....	....	....	1	....	....	....	....	....	....	1	....	....	....	....	3	....	....	....	F
....	....	....	....	....	....	2	....	....	....	....	....	....	1	....	....	1	2	....	....	....	G
....	....	....	....	....	....	....	....	....	....	2	....	....	....	....	2	....	1	....	....	....	H

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
Total	38,503	72	429	636	447	2,210	487	183	159	280	532	1,322	830	168	177	694	243	80	228	657	572	244	741	631	409
Class I.—Infectious and Parasitic Diseases.																									
Total	2132	3	30	44	16	155	39	9	13	10	17	85	68	23	6	37	11	3	4	24	14	22	31	19	15
1. Typhoid fever	26	...	...	2	...	2	3	...	...	...	...	1	1	...	...	1	...	...	...	...	1	2	...	1	...
2. Paratyphoid fever	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Undulant fever	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7. Measles	31	...	2	...	1	...	1	...	...	...	...	2	...	...	...	1	...	1	...	1	1	...	...	...	1
8. Scarlet fever	31	...	...	...	...	2	...	...	...	...	...	...	...	...	...	3	...	...	...	...	2	...	...	1	...
9. Whooping-cough	69	1	...	...	...	11	6	...	1	...	...	5	3	2	...	...	2	1	...	2	...	1	...	...	...
10. Diphtheria	14	...	...	...	...	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...
11. Influenza	611	...	18	8	8	26	8	6	8	5	10	32	25	8	3	25	6	1	2	7	5	5	13	8	8
11A. Sole cause	39	...	...	...	...	2	3	...	2	...	...	2	1	1	...	...	1	...	...	3	...	2	2	1	1
11B. With bronchitis	35	...	...	...	2	2	...	...	...	1	...	1	3	...	...	1	1	...	...	...	1	...	...	2	...
11C. With pneumonia	266	...	10	2	2	7	2	6	2	2	6	16	11	2	2	13	3	...	1	2	3	1	4	1	2
11D. With other diseases of the respiratory system	36	...	...	...	...	2	...	...	...	...	1	2	...	2	...	1	...	...	...	...	1	...	...	2	...
11E. With intestinal complications	41	...	...	1	1	1	1	...	1	...	...	4	1	...	...	1	1	...	1	...	...	1	3	2	1
11F. With other causes	194	...	8	5	3	12	2	...	3	2	3	7	9	3	1	9	...	1	...	2	...	1	4	...	4
13. Dysentery	21	...	...	...	...	2	1	...	...	...	...	1	...	...	...	...	...	...	...	1	...	1	1	1	1
15. Erysipelas	28	...	...	1	...	3	...	...	...	1	1	1	...	...	...	1	...	...	...	...	...	...	1	1	...
16. Poliomyelitis and polioencephalitis (acute)	14	1	...	1	...	3	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Lethargic or epidemic encephalitis	17	1	...	...	...	...	...	...	...	...	...	1	1	...	...	2	...	...	...	...	...	...	...	...	...
18. Epidemic cerebrospinal meningitis	30	...	...	1	...	6	1	...	...	...	...	1	3	...	1	...	...	...	...	...	...	1	...	...	...
22. Tetanus	11	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	1
23–32. Tuberculosis	1011	...	9	26	7	81	15	3	2	3	3	29	22	12	1	2	2	...	1	11	4	9	7	6	4
23. Tuberculosis of the respiratory system	846	...	7	23	6	68	11	3	2	2	2	23	17	10	1	2	2	...	1	8	4	5	4	4	4
24. Tuberculosis of the meninges and central nervous system	59	...	2	2	...	8	3	...	...	...	...	2	2	...	...	...	...	...	...	...	...	2	2	...	...
25. Tuberculosis of the intestines and peritoneum	38	...	...	1	1	3	...	...	...	...	...	1	2	...	...	...	...	...	...	1	...	2	1	...	...
26. Tuberculosis of the vertebral column	17	...	...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	2	...	...	...	...	...
27. Tuberculosis of the bones and joints (vertebral column excepted)	9	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...
27A. Of the bones	3	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
27B. Of the joints	6	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
28. Tuberculosis of the skin and sub-cutaneous cellular tissue	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29. Tuberculosis of the lymphatic system (bronchial, mesenteric and retroperitoneal glands excepted)	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30. Tuberculosis of the genito-urinary system	18	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...
31. Tuberculosis of other organs	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32. Disseminated tuberculosis	16	...	...	...	...	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
32A. Acute	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32C. Not specified	13	...	...	...	...	...	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
34. Syphilis	150	...	1	2	...	14	2	...	...	...	2	9	11	...	1	1	1	...	1	1	1	2	4	1	...
35. Gonococcus infection and other venereal diseases	3	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
36. Purulent infection, septicaemia (non-puerperal)	28	...	...	1	...	2	1	...	...	1	...	...	1	1	...	1	...	...	...	...	...	...	...	...	...
38. Malaria	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39. Other diseases due to protozoal parasites	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
41. Hydatid cysts	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
41A. Of the liver	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
547	115	604	121	1,718	255	393	368	389	692	670	291	263	560	578	270	202	127	569	129	1,095	454	614	644	408	350	957	819	627	2,161	9,082	
30	4	36	30	113	60	13	19	11	27	50	28	8	15	35	25	5	18	30	15	62	40	34	69	40	19	34	35	16	171	342	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	3	1	...	1	...	...	...	1	3	1
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	5
...	...	1	1	3	...	...	...	...	...	...	...	...	1	1	...	1	...	1	...	4	...	1	3	...	...	1	1	...	...	1	7
...	...	1	...	...	...	...	...	...	...	...	1	2	...	...	...	...	...	1	1	1	...	...	...	...	...	1	...	1	9	5	8
1	...	1	2	1	...	...	...	1	...	...	1	...	1	1	...	...	...	1	...	1	7	...	2	4	...	...	2	...	4	4	9
1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	4	...	...	...	...	...	1	3	...	...	...	...	...	...	...	...	10
17	2	14	9	15	2	6	7	1	14	19	18	3	7	15	11	...	7	13	8	33	15	5	5	7	12	8	14	8	30	41	11
2	...	...	...	...	...	1	...	...	1	...	...	...	...	1	1	...	1	1	...	...	2	1	1	1	...	1	1	...	...	3	11A
1	...	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	1	...	2	5	1	...	...	1	...	...	2	1	3	1	11B
9	1	7	1	4	2	3	5	...	4	13	7	1	5	10	7	...	2	4	3	16	7	3	2	3	4	2	5	4	15	17	11C
1	...	...	...	1	...	...	1	1	...	...	3	...	...	...	...	...	...	2	1	3	1	...	...	...	...	1	1	...	6	3	11D
2	1	1	...	4	...	...	...	...	...	1	1	...	1	1	...	...	1	1	1	...	...	...	...	...	1	2	1	...	...	2	11E
2	...	5	8	6	...	2	1	...	9	5	7	...	1	3	3	...	2	5	1	9	4	1	2	2	7	2	4	3	6	15	11F
...	...	...	1	...	1	1	...	...	...	...	...	...	1	1	...	...	...	1	...	4	...	1	...	...	...	1	...	...	...	...	13
1	...	...	...	...	1	1	1	...	...	...	...	...	1	...	...	...	...	2	1	1	...	...	...	...	...	...	...	1	2	6	15
...	...	...	...	2	...	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	16
...	...	...	1	...	...	...	1	...	1	1	...	...	...	3	...	...	...	...	...	1	...	...	...	...	...	1	1	...	...	2	17
...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	1	...	...	...	...	3	8	18
...	...	...	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	22
9	1	12	15	78	56	1	4	7	10	24	3	2	4	13	12	3	9	8	3	10	12	17	47	25	5	21	11	3	109	218	23–32
6	1	11	13	68	56	1	4	4	9	23	3	2	2	9	12	3	9	6	3	9	6	11	36	21	4	17	8	3	105	172	23
1	...	...	1	3	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	2	4	6	1	1	...	1	...	2	12	24
1	...	...	...	2	...	...	...	...	...	1	...	...	1	3	...	...	...	...	...	...	1	1	1	3	...	...	...	...	1	11	25
...	...	...	1	1	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	5	26
1	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	2	27
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	27A
1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	27B
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	28
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	3	29
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	3	1	...	...	8	30
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	31
...	...	...	...	2	...	...	...	2	...	...	...	...	...	...	...	...	...	1	...	...	1	1	2	...	...	...	...	...	...	4	32
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	32A
...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	1	2	...	...	...	...	...	...	3	32C
...	1	4	...	11	...	1	4	...	1	5	...	...	...	...	...	...	...	...	...	2	3	3	7	2	...	1	6	2	8	35	34
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	35
...	...	1	...	1	...	1	...	1	...	...	...	...	...	...	...	1	...	2	1	...	...	...	...	1	...	...	...	...	2	9	36
...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	38
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	39
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41A

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
42. Other diseases caused by helminths	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
43. Mycoses	9	...	...	1	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
44. Other infectious or parasitic diseases	19	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	1	...	...
44A. Chicken-pox	7	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
44C. Others under this title	12	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...
CLASS II.—CANCER AND OTHER TUMOURS																									
Total	5127	13	34	101	49	327	49	25	14	24	80	181	112	11	24	80	19	5	32	71	62	24	79	92	40
45–53. Cancer and other malignant tumours	4847	13	31	95	45	311	45	24	14	24	78	171	107	11	24	77	19	5	29	68	58	21	77	90	35
45. Cancer of the buccal cavity and pharynx	175	...	1	4	2	18	2	...	...	...	3	9	7	3	1	4	...	...	1	2	1	...	2	4	...
46. Cancer of the digestive tract and peritoneum	2388	9	19	45	27	152	23	12	7	17	42	75	43	4	12	30	9	4	16	36	31	12	41	44	17
46A. Of the oesophagus	114	...	...	1	...	6	...	1	...	1	2	1	1	...	1	...	...	...	1	...	...	...	1	2	...
46B. Of the stomach and duodenum	854	1	7	17	9	57	14	4	3	5	16	30	16	3	4	14	1	1	7	11	9	3	14	10	6
46C. Of the rectum	273	1	1	1	5	13	2	2	...	3	4	9	2	...	...	2	1	...	...	3	1	2	4	7	2
46D. Of the liver and biliary ducts	245	3	3	3	2	10	1	1	3	...	5	5	3	...	2	3	3	1	3	6	6	3	4	4	2
46E. Of the pancreas	166	...	1	3	4	10	1	1	...	2	3	5	1	...	1	1	...	...	...	2	4	1	3	1	4
46F. Of the peritoneum	16	...	...	...	...	3	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...
46G. Of other organs	720	4	7	20	7	53	5	3	1	6	12	24	20	1	4	10	4	2	5	14	11	3	15	18	3
47. Cancer of the respiratory organs	263	...	1	6	2	14	3	...	...	...	5	8	5	...	...	2	1	...	3	5	3	1	4	3	1
47A. Of the larynx	36	...	...	...	2	6	...	...	...	...	...	1	1	...	...	...	...	...	1	2	...	...	...	2	...
47B. Of the lung	159	...	1	4	...	7	2	...	...	...	4	5	1	...	...	2	...	...	1	3	3	1	4	1	1
47C. Of the mediastinum	17	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	1	...	1	...	...	...	...	...	...
47D. Of other organs of the respiratory system	51	...	...	2	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
48. Cancer of the uterus	367	...	1	8	4	32	3	2	3	...	10	16	11	...	1	6	1	...	4	10	5	1	3	10	...
48A. Of the uterus	192	...	...	7	4	14	...	1	1	...	8	8	4	...	1	3	1	...	2	7	2	...	2	5	...
48B. Of the cervix uteri	175	...	1	1	...	18	3	1	2	...	2	8	7	...	...	3	...	...	2	3	3	1	1	5	...
48. Cancer of other female genital organs	146	...	1	4	1	5	1	1	...	...	1	7	...	...	...	7	1	...	1	3	1	...	2	2	1
50. Cancer of the breast	533	...	3	12	4	35	3	4	...	3	5	15	15	2	4	11	1	...	2	1	5	1	10	11	5
51. Cancer of the male genito-urinary organs	420	2	3	8	3	21	6	3	1	2	5	21	15	...	3	5	3	1	1	4	7	2	5	6	6
51A. Of the bladder	129	...	1	3	...	6	2	...	1	...	...	9	3	...	1	1	...	...	1	...	1	1	1	...	1
51B. Of the kidney	33	...	...	1	...	2	...	1	...	...	...	6	2	...	...	...	...	...	...	...	...	...	...	2	1
51C. Of the prostate gland	236	2	2	4	3	12	3	2	...	2	5	5	9	...	2	4	3	1	...	4	6	...	3	4	4
51D. Of the testicles and annexa	15	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...
51E. Of other male genito-urinary organs	7	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...
52. Cancer of the skin	85	1	2	3	...	5	...	...	2	...	...	2	2	...	...	1	...	...	...	2	2	1	4	3	2
53. Cancer of other or unspecified organs	470	1	...	5	2	29	4	2	1	2	7	18	9	2	3	11	3	...	1	5	3	3	6	7	3
53A. Of the eye and orbit	8	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
53C. Of the glandular system	78	...	...	...	...	3	...	1	...	...	...	5	2	1	2	1	1	...	...	1	1	1	1	2	...
53D. Of the female urinary organs	91	1	...	...	...	5	...	1	...	...	1	5	2	1	...	1	...	...	...	3	1	...	1	...	1
53E. Of the bones and joints	86	...	...	1	1	7	1	...	1	1	1	3	2	...	...	2	1	...	...	1	...	...	2	4	...
553F. Of the brain	78	...	...	2	...	5	2	...	...	...	4	3	1	...	1	2	1	...	...	...	1	...	...	...	1
53G. Of the spine and spinal cord	21	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
53H. Of the neck	10	...	...	...	...	1	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	1
53I. Of the abdomen	46	...	...	1	1	5	...	...	...	...	...	1	...	...	...	2	...	...	...	...	...	1	1	1	...
53J. Of other specified organs	31	...	...	1	...	...	...	...	...	...	1	1	...	...	...	3	...	...	...	...	...	...	...	...	...
53K. Multiple cancer	18	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
53M. Of unspecified or unknown location	3	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
54. Non-malignant tumours	230	...	2	4	4	11	4	...	...	...	2	6	5	...	...	2	...	...	3	2	4	2	2	2	3
54A. Of the ovary	34	...	1	...	2	1	2	...	...	...	...	1	2	...	...	...	...	...	1	1	...	1	1	...	...
54B. Of the uterus	32	...	1	...	...	2	1	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	1	...
54D. Of the brain	36	...	...	...	2	...	1	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	1	...	1
54E. Of the thyroid gland	44	...	...	4	...	1	...	...	...	...	...	...	...	...	...	1	...	...	2	...	2	...	...	1	1
54F. Of the prostate gland	51	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
54G. Of other or unspecified sites	33	...	...	...	...	2	...	...	...	...	1	2	1	...	...	1	...	...	...	...	1	1	...	...	1

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	4	43
...	...	1	...	...	...	...	...	...	...	...	1	1	...	1	...	...	1	...	...	4	...	...	1	...	...	...	...	...	2	4	44
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	1	...	...	...	...	...	2	...	44A
...	...	1	...	...	...	...	...	...	...	...	1	1	...	1	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	4	44C
49	21	73	10	210	16	42	34	37	66	89	34	30	74	66	30	23	12	71	17	114	54	51	69	31	45	149	100	70	305	1587	
46	21	70	10	193	16	42	34	35	61	84	32	28	73	64	30	21	12	66	16	105	52	47	67	29	41	140	92	67	294	1487	45–53
2	...	2	2	4	...	2	3	...	2	3	2	1	...	2	1	...	...	2	...	6	1	5	1	1	2	5	2	...	5	55	45
31	7	37	4	89	8	28	13	19	26	35	18	10	42	36	19	8	5	42	9	57	27	26	33	16	23	79	43	37	142	692	46
2	1	2	...	6	...	3	1	...	1	...	1	2	1	1	...	1	...	...	1	2	1	2	...	...	1	4	2	2	9	50	47A
12	4	18	1	31	4	14	5	3	13	16	10	2	20	9	7	2	4	18	4	16	11	15	12	4	7	26	22	20	41	221	46B
8	...	2	...	14	...	1	1	4	1	5	1	1	3	8	2	1	...	8	...	3	4	1	3	4	2	6	3	1	25	96	46C
...	...	4	1	9	2	3	1	2	2	2	3	1	5	5	2	1	1	7	3	7	2	3	5	1	2	11	3	2	15	64	46D
4	...	3	1	4	1	2	2	1	4	1	1	...	3	3	1	...	...	1	...	3	2	...	2	1	...	9	3	2	10	54	46E
...	...	2	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	1	...	...	1	...	...	...	...	...	4	46F
5	2	6	1	25	1	5	3	9	5	10	2	4	10	10	7	3	...	8	1	25	6	5	11	5	11	23	10	10	42	203	46G
1	1	6	...	13	1	2	2	...	1	4	...	...	1	3	1	...	...	...	...	3	3	1	4	2	2	3	6	2	27	107	47
1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	3	14	47A
...	1	5	...	7	...	2	2	...	...	3	...	...	...	2	1	...	...	...	...	2	2	1	3	1	1	2	5	2	16	61	47B
...	...	...	...	...	...	...	...	...	1	1	...	...	1	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	5	47C
...	...	1	...	6	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	...	7	27	47D
2	5	5	...	13	1	1	1	2	3	4	...	1	4	4	4	1	1	3	3	8	2	1	5	1	1	7	6	5	27	115	48
1	4	2	...	4	1	...	...	1	1	3	...	...	1	2	4	1	...	...	2	5	2	1	4	...	...	5	3	4	13	58	48A
1	1	3	...	9	...	1	1	1	2	1	...	1	3	2	...	...	1	3	1	3	...	...	1	1	1	2	3	1	14	57	48B
...	1	1	...	4	...	...	...	3	1	3	2	2	2	5	...	1	1	...	...	3	...	...	2	2	1	3	1	5	9	55	49
5	1	11	1	24	5	1	4	3	11	11	5	6	9	4	2	6	1	7	2	10	6	3	11	3	4	16	11	9	26	163	50
2	2	5	2	23	1	4	4	...	9	10	...	3	6	8	2	3	1	5	...	15	4	5	4	2	6	8	11	3	23	116	51
...	...	2	...	6	...	1	...	...	4	6	...	1	4	...	...	1	...	2	...	5	2	2	1	1	...	3	4	...	11	41	51A
...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	14	51B
2	1	3	2	14	1	3	4	...	5	4	...	2	1	6	2	2	1	3	...	10	2	2	2	...	6	5	5	3	10	55	51C
...	1	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	1	4	51D
...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	51E
...	...	1	1	4	...	...	2	2	2	3	...	...	1	...	...	...	1	1	...	...	1	1	1	...	...	3	3	4	6	16	52
3	4	2	...	19	...	4	5	6	6	11	5	5	8	2	1	2	2	6	2	3	8	5	6	2	2	16	9	2	29	168	53
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	5	53A
...	2	...	...	5	...	2	...	1	...	2	2	...	1	...	...	1	...	1	...	...	1	...	...	1	...	1	2	...	3	31	53C
3	...	...	...	4	...	...	2	...	3	4	1	4	3	1	...	...	...	...	1	1	1	2	3	...	...	3	1	...	7	24	53D
...	...	1	...	1	...	1	...	...	2	1	...	...	2	1	...	...	1	1	...	1	...	2	2	...	1	4	1	2	4	30	53E
...	1	1	...	2	...	1	...	1	1	1	...	...	1	...	...	...	...	1	1	...	...	...	1	...	...	1	1	...	3	38	53F
...	...	...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	2	...	...	1	...	...	...	...	1	2	...	3	7	53G
...	1	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	53H
...	...	...	...	3	...	...	1	...	...	2	2	...	1	...	1	...	...	1	...	...	2	1	...	1	...	3	1	...	3	11	53I
...	...	...	...	1	...	...	...	2	...	1	...	...	...	...	...	1	1	...	...	...	2	...	...	...	1	2	1	...	2	11	53J
...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	11	53K
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	53M
3	...	2	...	14	...	...	...	...	3	4	2	2	1	2	...	1	...	3	1	9	1	4	2	2	4	8	8	3	7	86	54
1	...	2	...	4	...	...	...	...	...	1	...	2	1	...	...	...	...	...	...	2	...	...	...	...	...	2	1	...	1	4	54A
1	...	...	...	4	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...	1	...	2	...	1	...	2	2	1	1	6	54B
...	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	1	...	2	...	1	...	...	...	1	...	...	1	18	54D
...	...	...	...	4	...	...	...	...	1	...	...	...	...	1	...	1	...	1	...	3	...	1	1	1	3	...	1	2	2	10	54E
...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	1	1	...	...	...	1	3	2	...	...	34	54F
1	...	...	...	1	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2	...	2	14	54G

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
55. Tumours, nature not specified	50	..	1	2	...	5	..	1	..	...	...	4	...	..	..	1	...	...	...	1	...	1	...	...	2
55B. Of the uterus	1	..	...	...	...	...	..	..	..	...	...	..	...	..	..	..	...	...	...	..	...	..	...	...	..
55D. Of the brain	29	..	1	1	...	2	..	1	..	...	...	1	...	..	..	1	...	...	...	...	...	1	...	...	1
55G. Of other or unspecified sites	20	..	...	1	...	3	..	..	..	...	...	3	...	..	..	...	...	...	...	1	...	..	...	...	1
CLASS III.—RHEUMATIC DISEASES, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS AND OTHER GENERAL DISEASES																									
Total	1206	2	12	15	11	65	19	3	3	8	22	41	34	2	7	28	8	6	7	24	15	4	13	18	9
56. Acute rheumatic fever	211	..	3	1	...	14	5	..	..	1	3	10	7	1	1	5	...	3	...	6	2	1	4	1	1
57. Chronic rheumatism, osteo-arthritis	33	..	...	...	...	1	1	..	..	...	...	...	2	..	..	2	1	..	1	...	1	..	1	1	...
58. Gout	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
59. Diabetes mellitus	691	1	4	12	6	36	8	3	1	6	14	25	15	..	4	13	7	2	4	14	8	3	5	11	5
61. Beriberi	1	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
62. Pellagra	3	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
63. Rickets	9	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	1	..	...	...	1
65. Diseases of the pituitary gland	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
66. Diseases of the thyroid and parathyroid glands	180	..	3	2	2	10	2	..	1	1	4	4	8	1	2	6	...	...	...	3	3	..	2	4	1
66A. Simple goitre	21	..	2	...	1	3	..	..	..	...	2	...	1	..	..	...	...	...	...	...	...	..	1	...	1
66B. Exophthalmic goitre	144	..	1	2	1	7	2	..	1	...	2	4	7	1	2	6	...	...	...	2	3	..	1	4	...
66C. Myxoedema, cretinism	7	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	...	...	1	...	..	...	...	...
66D. Tetany	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	...	...	...	...	..	...	...	...
66E. Others under this title	4	..	...	...	...	...	..	..	..	1	...	...	...	..	..	...	...	...	...	...	...	..	...	...	...
67. Diseases of the thymus gland	50	1	2	...	2	...	3	..	..	...	...	1	2	..	..	1	...	1	1	1	...	..	...	1	...
68. Diseases of the adrenals (Addison's disease)	10	..	...	...	...	2	..	..	..	...	1	...	...	..	..	1	...	..	1	...	...	..	...	...	...
69. Other general diseases	15	..	...	...	1	1	..	..	1	...	...	1	...	..	..	...	...	..	...	...	...	..	1	...	1
69A. Fatty or amyloid degeneration	9	..	...	...	1	1	..	..	1	...	...	...	...	..	..	...	...	..	...	...	...	..	1	...	1
69C. Others under this title	6	..	...	...	...	...	..	..	..	...	...	1	...	..	..	...	...	..	...	...	...	..	...	...	...
CLASS IV.—DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS																									
Total	534	..	3	8	7	29	4	1	3	3	...	27	2	5	1	8	8	.	2	9	16	..	15	12	11
70. Haemorrhagic conditions	26	..	...	...	1	2	..	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	1	...
70A. Simple purpura	24	..	...	...	1	2	..	..	..	...	...	...	...	..	..	...	...	..	...	1	...	..	...	1	..
70B. Haemophilia	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
71. Anaemia	286	..	2	5	5	14	2	1	1	3	...	16	2	3	..	7	3	..	1	7	11	..	14	8	6
71A. Pernicious anaemia	262	..	2	4	5	12	1	..	1	3	...	15	2	3	..	6	3	..	1	5	11	..	13	7	6
71B. Others under this title	24	..	...	1	...	2	1	1	..	...	...	1	...	..	..	1	...	..	...	2	...	..	1	1	...
72. Leukaemia and aleukaemia	190	..	1	2	1	12	2	..	2	...	...	9	...	2	1	1	4	..	1	...	5	..	...	3	4
72A. Leukaemia	140	..	1	1	1	9	2	..	1	...	...	6	...	1	1	1	2	..	...	...	4	..		3	3
72B. Aleukaemia (Hodgkin's disease)	50	..	...	1	...	3	..	..	1	...	...	3	...	1	..	...	2	..	1	...	1	..	...	...	1
73. Diseases of the spleen	20	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	1	..	...	...	...	..	1	...	1
74. Other diseases of the blood and blood-forming organs	12	..	...	1	...	1	..	..	..	...	...	2	...	..	..	...	...	..	...	1	...	..	...	...	...
CLASS V.—CHRONIC POISONINGS AND INTOXICATIONS																									
Total	50	..	...	...	..	3	4	..	..	1	...	1	1	..	..	...	1	..	...	1	...	1	...	...	...
75. Alcoholism	45	..	...	...	...	3	4	..	..	1	...	1	1	..	..	...	1	..	...	1	...	1	...	...	...
75A. Delirium tremens	3	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
75B. Other alcoholic intoxications	42	..	...	...	...	2	4	..	..	1	...	1	1	..	..	...	1	..	...	1	...	1	...	...	...
76. Chronic poisoning, by other organic substances	5	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
76A. Chronic morphinism	2	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
76D. Other organic poisoning	3	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	..

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Teniskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	..	1	..	3	..	...	...	2	2	1	..	...	...	...	..	1	..	2	..	...	1	...	...	...	...	1	...	...	4	14	55
...	..	...	..	...	..	...	...	...	1	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	55B
...	..	1	..	2	..	...	...	2	1	...	..	...	...	...	..	1	..	1	..	...	1	...	...	...	...	1	...	...	1	9	55D
...	..	...	..	1	..	...	...	...	...	1	..	...	...	...	..	..	..	1	..	...	...	...	...	...	...	...	...	...	3	5	55G
15	3	19	2	54	4	19	18	13	24	18	9	8	25	17	7	6	3	16	1	39	14	14	20	9	6	45	29	18	63	292	
1	1	4	..	10	1	3	3	1	3	1	..	1	4	2	2	1	..	...	..	7	4	4	5	1	...	10	5	4	10	54	56
...	1	...	1	1	..	...	...	...	...	2	1	1	2	2	1	..	1	1	..	2	...	...	...	...	...	1	...	...	...	5	57
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	1	58
13	1	9	1	34	3	8	9	11	13	12	3	4	12	10	1	5	2	9	..	22	5	9	9	5	4	22	21	10	44	173	59
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	1	...	...	...	61
...	..	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	1	62
...	..	1	..	...	..	1	...	...	...	...	..	...	1	...	1	..	..	1	..	...	...	...	...	...	...	1	...	...	...	1	63
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	1	1	65
1	..	5	..	8	..	4	1	1	5	3	4	2	6	2	2	..	..	4	1	7	4	...	4	...	2	5	...	3	5	42	66
...	..	...	..	2	..	...	...	...	...	...	..	...	...	...	..	..	..	1	..	...	1	...	...	...	...	...	...	...	1	5	66A
1	..	5	..	5	..	4	...	1	5	3	3	1	4	2	2	..	..	3	1	6	3	...	2	...	2	5	...	3	4	33	66B
...	..	...	..	1	..	...	1	...	...	...	..	1	1	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	2	66C
...	..	...	..	...	..	...	...	...	...	...	1	...	...	...	..	..	..	...	..	...	...	...	2	...	...	...	...	...	...	1	66D
...	..	...	..	...	..	...	...	...	...	...	..	...	1	...	..	..	..	...	..	1	...	...	...	...	...	...	...	...	...	1	66E
...	..	...	..	...	..	3	4	...	3	...	1	...	...	1	..	..	..	...	..	1	1	1	1	3	...	6	2	...	...	7	67
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	1	2	2	68
...	..	...	..	...	..	...	1	...	...	...	..	...	...	...	..	..	..	1	..	...	...	...	1	...	...	...	...	...	1	5	69
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	1	...	...	...	...	...	1	2	69A
...	..	...	..	...	..	...	1	...	...	...	..	...	...	...	..	..	..	1	..	...	...	...	...	...	...	...	...	...	...	3	69C
10	1	12	1	20	5	6	5	9	5	8	3	3	16	6	5	4	1	4	..	15	5	10	8	...	7	10	12	11	31	127	
...	..	...	..	...	..	1	...	...	...	...	1	...	2	1	2	..	1	...	..	1	...	...	...	...	1	1	1	...	3	6	70
...	..	...	..	...	..	1	...	...	...	...	1	...	2	1	..	..	1	...	..	1	...	...	...	...	1	1	1	...	3	6	70A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	2	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	70B
6	1	6	..	12	3	1	4	7	4	7	2	1	9	5	2	4	..	2	..	10	3	4	3	...	4	3	5	6	10	51	71
6	1	6	..	11	3	1	4	7	4	7	2	...	9	5	2	4	..	2	..	10	2	2	3	...	3	2	5	6	8	47	71A
...	..	...	..	1	..	...	...	...	...	...	..	1	...	...	..	..	..	...	..	...	1	2	...	...	1	1	...	...	2	4	71B
3	..	6	1	6	2	3	1	1	1	1	..	2	4	...	1	..	..	2	..	3	2	5	4	...	2	5	6	4	16	59	72
2	..	3	1	4	2	3	1	1	...	...	..	1	4	...	..	..	..	1	..	2	2	5	3	...	1	4	4	3	14	43	72A
1	..	3	..	2	..	...	...	...	1	1	..	1	...	...	1	..	..	1	..	1	...	...	1	...	1	1	2	1	2	16	72B
...	..	...	..	2	..	1	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	1	1	...	...	...	...	1	2	8	73
1	..	...	..	...	..	...	...	1	...	...	..	...	1	...	..	..	..	...	..	...	...	...	...	...	...	1	...	...	...	3	74
3	..	1	..	2	..	...	...	...	2	...	..	...	...	...	..	..	..	2	..	1	...	1	...	...	...	1	1	5	...	18	
3	..	1	..	2	..	...	...	...	2	...	..	...	...	...	..	..	..	2	..	...	...	1	...	...	...	1	1	5	...	14	75
1	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	1	75A
2	..	1	..	2	..	...	...	...	2	...	..	...	...	...	..	..	..	2	..	...	...	1	...	...	...	1	1	5	...	13	75B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	...	...	...	...	...	...	...	...	4	76
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	2	76A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	1	...	...	...	...	...	...	...	...	...	2	76D

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
CLASS VI.—DISEASES OF THE NERVOUS SYSTEM AND OF THE ORGANS OF SPECIAL SENSE																									
Total	1861	1	16	27	18	88	17	6	8	16	20	48	33	15	13	43	10	5	8	25	21	14	32	24	21
78. Encephalitis (non-epidemic)	36	..	...	1	...	1	2	..	..	...	2	...	2	..	1	...	...	..	...	2	...	1	...	...	...
79. Simple meningitis	70	..	1	1	1	2	3	..	..	1	..	4	...	1	..	1	...	..	...	...	...	1	1	1	...
80. Progressive locomotor ataxia (tabes dorsalis).	21	..	...	...	...	3	..	..	..	...	1	1	...	..	..	..	..	..	...	1	...	..	...	...	..
81. Other diseases of the spinal cord	114	1	1	2	3	6	1	1	1	2	1	3	1	1	1	3	...	1	...	1	2	1	2	3	2
82. Cerebral haemorrhage, cerebral embolism and thrombosis	901	..	8	14	10	43	4	1	4	2	13	23	9	11	8	22	5	2	5	14	15	7	18	13	11
82A. Cerebral haemorrhage	699	..	5	11	7	29	2	1	4	1	10	20	4	9	7	17	4	2	2	11	14	7	13	11	7
82B. Cerebral embolism and thrombosis	110	..	2	3	2	6	1	..	..	...	3	3	5	..	1	4	...	..	...	1	...	..	1	1	3
82C. Softening of the brain	7	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
82D. Hemiplegia and other paralysis, cause not specified	85	..	1	...	1	7	1	..	..	1	...	...	...	2	..	1	1	..	3	2	1	..	4	1	1
83. General paralysis of the insane	78	..	...	1	1	1	..	..	..	2	...	2	2	..	..	...	...	1	...	...	...	..	...	...	...
84. Dementia praecox and other psychoses	185	..	...	1	1	...	..	..	..	...	...	...	15	..	..	1	...	..	...	2	...	..	...	...	...
84A. Dementia praecox	156	..	...	1	...	...	..	..	..	...	...	...	15	..	..	...	...	..	...	...	...	..	...	...	...
84B. Other psychoses	29	..	...	...	1	...	..	..	..	...	...	...	...	..	..	1	...	..	...	2	...	..	...	...	..
85. Epilepsy	75	..	2	...	...	3	4	..	..	3	...	1	2	..	..	2	1	..	...	...	3	1	...	2	1
86. Convulsions (under 5 years of age)	22	..	1	...	...	...	1	..	2	...	...	1	...	..	..	...	...	..	...	...	...	2	...	1	1
87. Other diseases of the nervous system	303	..	3	4	2	20	1	4	1	5	3	9	1	2	3	13	3	1	3	4	1	1	9	3	6
87A. Chorea	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	2	...	..
87B. Neuralgia and neuritis	20	..	1	...	...	...	..	..	..	...	...	1	1	..	..	2	1	..	...	...	...	..	...	...	1
87C. Paralysis agitans	137	..	2	1	...	12	..	1	..	3	2	4	...	2	1	6	2	1	2	4	1	1	3	...	2
87D. Sclerosis (other than of the spinal cord)	93	..	...	3	1	5	..	3	1	1	...	...	...	..	2	4	...	..	1	...	...	..	2	2	3
87E. Others under this title	49	..	...	...	1	3	1	..	..	1	1	4	...	..	..	1	...	..	...	...	...	..	2	1	...
88. Diseases of the organs of vision	6	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
89. Diseases of the ear and mastoid process	50	..	...	3	...	8	1	..	..	1	...	4	1	..	..	1	1	..	...	1	...	..	2	1	...
89A. Otitis	31	..	...	1	...	5	1	..	..	1	...	4	...	..	..	...	1	..	...	1	...	..	1	1	..
89B. Diseases of the mastoid process	19	..	...	2	...	3	..	..	..	...	...	...	1	..	..	1	...	..	...	...	...	..	1	...	...
CLASS VII.—DISEASES OF THE CIRCULATORY SYSTEM																									
Total	14497	28	153	235	203	791	88	78	65	122	239	475	285	59	72	288	104	28	115	243	250	67	282	263	189
90–95. Diseases of the heart	8546	20	110	147	128	469	66	39	37	49	125	296	163	40	31	171	43	15	66	150	140	42	169	131	109
90. Pericarditis	11	..	...	..	...	1	..	...	3	...	...	1	...	...	...	...	...	..	...	...	...	..	...	...	...
91. Acute endocarditis	107	..	1	1	1	9	..	..	..	...	2	4	...	...	..	.	1	..	...	1	...	2	3	2	2
91A. Endocarditis, specified as acute	87	.	1	1	.	7	..	..	..	...	1	2	.	...	..	.	1	..	...	1	..	2	2	2	2
91B. Endocarditis, unspecified (under 45 years of age)	20	.	...	.	1	2	..	..	..	...	1	2	..	...	..		...	...	...	..	...	..	1	..	...
92. Chronic endocarditis, valvular diseases	922	2	20	24	19	47	6	4	7	6	5	30	14	21	4	12	7	1	10	13	17	7	16	10	12
92A. Endocarditis specified as chronic and other valvular diseases	784	1	16	20	19	39	6	4	6	5	4	27	14	16	4	9	4	1	9	11	14	7	14	8	9
92B. Endocarditis, unspecified (45 years and over)	138	1	4	4	..	8	..	.	1	1	1	3	.	5	..	3	3	..	1	2	3	..	2	2	3
93. Diseases of the myocardium	2490	9	42	36	44	133	23	8	17	15	47	74	40	7	7	73	7	4	24	55	50	10	51	36	48
93A. Acute myocarditis	71	1	...	1	...	3	1	..	..	1	2	...	...	2	..	1	...	..	1	1	...	..	1	2	1
93B. Myocarditis, unspecified (under 45 years of age)	25	..	...	...	...	1	..	..	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
49	2	22	4	98	12	18	18	29	70	66	10	7	31	16	15	7	6	24	3	61	19	16	19	13	19	43	26	35	112	462	
...	...	...	...	1	...	...	1	...	1	1	2	...	...	...	1	...	...	...	...	1	...	...	1	...	...	...	...	...	...	15	78
1	...	1	...	5	...	1	...	...	2	...	...	...	2	1	2	...	...	1	...	1	...	3	2	1	2	...	4	...	4	19	79
...	...	...	...	1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	3	6	80
1	...	4	...	7	1	...	...	1	2	1	...	1	2	1	2	...	...	2	...	4	3	1	3	...	...	1	3	1	6	27	81
11	2	11	4	37	9	13	9	24	23	17	5	6	23	7	8	5	3	16	2	23	10	8	7	5	14	32	14	23	33	235	82
6	2	8	4	30	5	11	9	22	15	13	4	5	21	3	8	5	3	15	1	20	9	7	7	5	8	21	10	19	25	180	82A
3	...	2	...	2	2	...	...	2	6	2	...	...	...	1	...	...	...	...	...	1	...	1	...	...	1	5	3	1	3	39	82B
...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	82C
2	...	1	...	5	2	...	...	...	2	2	1	1	1	3	...	...	...	1	1	2	1	...	...	...	4	6	1	3	4	15	82D
9	...	1	...	5	...	...	...	...	3	2	...	...	...	...	...	...	...	1	...	...	...	2	1	2	...	1	...	1	7	33	83
19	...	...	...	21	...	...	1	...	33	28	...	...	...	...	...	...	1	1	...	3	1	...	1	...	...	...	1	1	32	22	84
16	...	...	...	20	...	...	...	...	21	27	...	...	...	...	...	...	...	1	...	2	1	...	1	...	...	...	...	...	31	20	84A
3	...	...	...	1	...	...	1	...	12	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	1	1	1	2	84B
4	...	2	...	4	...	1	2	1	2	7	...	...	...	1	...	1	...	1	1	12	2	1	...	...	...	...	2	...	...	6	85
...	...	...	...	...	...	...	...	1	...	...	1	...	...	1	...	...	1	...	...	...	1	...	...	1	1	...	...	1	2	3	86
3	...	2	...	15	2	3	5	2	3	8	1	...	2	3	2	1	1	1	...	15	1	1	3	3	2	8	2	7	21	84	87
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	87A
...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	1	...	...	1	6	87B
2	...	2	...	8	1	1	3	...	3	2	1	...	...	2	...	1	1	1	...	5	...	1	2	1	1	2	2	2	9	34	87C
...	...	...	...	6	...	...	2	...	...	4	...	...	2	1	2	...	...	...	...	1	...	...	...	1	...	4	...	3	8	31	87D
1	...	...	...	...	1	2	...	1	...	1	...	...	...	...	...	...	...	...	...	7	1	...	1	1	1	...	...	2	2	13	87E
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	3	88
...	...	1	...	2	...	...	...	...	1	2	...	...	1	2	...	...	...	1	...	...	...	...	1	1	...	1	...	...	4	9	89
...	...	1	...	...	...	...	...	...	...	2	...	...	...	1	...	...	...	...	...	...	...	...	1	1	...	1	...	...	4	4	89A
...	...	...	...	2	...	...	...	...	1	...	...	...	1	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	5	89B
217	59	244	28	631	81	130	142	162	298	221	93	118	247	236	70	93	24	204	39	432	119	158	190	103	139	367	312	247	796	3575	
115	33	140	18	385	53	79	69	94	160	136	46	72	142	141	44	58	18	123	21	221	69	105	124	67	90	205	179	150	407	2226	90–95
1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	90
...	...	1	...	4	...	...	...	3	1	2	2	...	1	2	1	...	...	2	...	2	...	...	3	1	...	3	...	2	7	41	91
...	...	1	...	4	...	...	...	2	1	2	2	...	1	2	...	...	...	1	...	2	...	...	1	1	...	2	...	2	7	34	91A
...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	1	...	...	...	...	2	...	...	1	...	...	...	7	91B
20	10	12	3	27	3	9	5	9	21	15	4	12	8	15	2	10	2	36	4	36	13	12	8	13	8	15	15	29	30	202	92
17	8	10	3	22	1	8	4	9	20	10	3	12	8	15	1	5	2	19	4	33	11	12	8	12	7	14	15	27	26	171	92A
3	2	2	...	5	2	1	1	...	1	5	1	...	...	...	1	5	...	17	...	3	2	...	...	1	1	1	...	2	4	31	92B
26	8	51	11	139	21	25	21	35	42	48	13	14	58	61	24	14	...	49	6	58	33	36	27	22	32	54	34	52	113	503	93
2	...	4	2	8	1	...	...	...	1	1	...	1	1	...	2	...	...	...	...	1	3	2	...	...	1	2	1	1	7	12	93A
...	...	1	...	2	...	1	1	...	...	...	...	...	...	1	...	...	...	...	...	1	...	4	...	2	...	...	...	1	2	5	93B

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
93C. Chronic myocarditis and myocardial degeneration	1541	2	21	24	21	78	14	6	7	9	25	41	30	1	7	46	4	1	11	35	35	3	37	23	23
93D. Myocarditis, unspecified (45 years and over)	853	6	21	11	23	51	8	2	9	5	20	32	10	4	..	26	3	3	12	19	15	7	13	11	23
94. Diseases of the coronary arteries and angina pectoris	4664	8	44	82	60	266	33	26	9	28	66	174	101	10	19	80	27	10	30	67	61	22	93	79	45
94A. Diseases of the coronary arteries	211	..	2	6	1	10	4	4	..	1	3	18	2	1	..	2	1	..	1	2	...	..	2	5	4
94B. Embolism and thrombosis of the coronary																									
100. Diseases of the veins arteries	4075	6	27	72	57	233	27	21	9	21	60	143	94	5	18	77	21	7	29	60	53	20	76	67	41
94C. Angina pectoris	378	2	15	4	2	23	2	1	..	6	3	13	5	4	1	1	5	3	...	5	8	2	15	7	..
95. Other diseases of the heart	352	1	3	4	4	13	4	1	1	...	5	13	8	2	1	6	1	..	2	14	12	1	6	4	2
95A. Functional diseases of the heart	80	.	...	1	1	1	..	...	...	...	3	1	2	..	1	3	...	...	...	3	1	..	2	1	1
95B. Other and unspecified	272	1	3	3	3	12	4	1	1	...	2	12	6	2	..	3	1	..	2	11	11	1	4	3	1
96. Aneurysm (except of the heart)	61	..	...	1	1	5	..	...	...	...	1	...	2	..	...	1	...	...	...	...	...	..	1	1	1
97. Arteriosclerosis (coronary arteries excepted)	4647	7	29	77	63	232	12	38	21	62	96	144	101	14	35	103	48	10	43	71	87	17	89	106	72
98. Gangrene	106	.	2	1	5	13	..	...	...	...	3	4	4	2	1	1	4	..	...	1	3	..	2	5	2
99. Other diseases of the arteries	50	..	...	1	...	4	..	...	...	...	1	3	...	..	..	1	...	..	...	...	9	1	1	5	...
(varices, haemorrhoids, phlebitis, etc.))	67	..	1	...	...	4	..	...	...	1	...	...	2	..	1	...	...	..	...	2	...	..	2	3	1
101. Diseases of the lymphatic system (lymphangitis, etc.)	6	..	...	...	...	1	1	...	...	...	...	...	...	..	..	1	...	..	...	1	...	..	...	...	...
102. Idiopathic abnormalities of blood pressure	1011	1	11	8	6	63	9	1	7	10	13	28	13	3	4	10	9	3	6	18	11	7	18	12	3
103. Other diseases of the circulatory system	3	.	...	...	...	...	..	...	...	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	1
CLASS VIII.—DISEASES OF THE RESPIRATORY SYSTEM																									
Total	2540	1	21	45	25	121	39	9	10	20	23	70	60	16	14	47	15	7	16	37	38	14	47	35	18
104. Diseases of the nasal fossae and annexa	19	.	...	...	..	1	2	1	..	1	...	..	...	..	..	...	1	..	...	...	...	..	...	...	...
105. Diseases of the larynx	17	.	...	...	...	1	..	..	..	...	1	2	...	..	1	1	...	..	...	1	...	..	...	..	...
105A. Croup	3	..	...	...	...	...	..	..	..	...	..	1	...	..	1	1	...	..	...	...	...	..	...	..	...
105B. Other diseases of the larynx	14	..	...	...	...	1	..	..	..	...	1	1	...	..	..	..	...	..	...	1	...	..	...	..	...
106. Bronchitis	103	..	...	3	3	1	..	1	1	2	3	2	1	4	1	3	...	..	1	...	2	..	2	4	..
106A. Acute	30	..	...	2	2	..	..	..	..	...	2	..	...	1	..	..	...	..	...	...	1	..	.	..	...
106B. Chronic	51	..	...	1	1	1	..	1	..	1	1	2	1	1	1	2	...	..	1	...	1	..	2	4	...
106C. Unspecified	22	..	.	...	...	...	..	..	1	1	.	...	...	2	..	1	...	..	...	...	...	..	...	..	...
107. Bronchopneumonia	1140	1	10	18	9	53	19	4	2	7	11	20	35	3	..	15	5	7	10	18	19	4	21	7	8
107A. Bronchopneumonia	1137	1	10	18	9	52	19	4	2	7	11	20	35	3	..	15	5	7	10	18	19	4	21	7	8
107B. Capillary bronchitis	3	..	..	...	1	..	..	..	.	.	...	...	...	..	..	...	...	..	...	...	...	..	.	.	...
108. Lobar pneumonia	607	..	6	12	4	37	10	2	2	7	5	21	13	4	5	9	3	..	2	6	10	1	9	14	6
109. Pneumonia, unspecified	230	..	..	2	2	8	1	..	1	1	2	15	4	2	4	6	5	..	...	5	1	8	8	3	1
110. Pleurisy	52	..	.	..	1	1	1	.	1	...	..	1	2	1	1	.	...	...	...	1	...	1	1	..	1
111. Congestion and haemorrhagic infarct of the lung, etc.	107	.	..	2	..	4	1	..	1	1	.	1	4	..	1	7	.	...	1	1	1	.	1	4	1
111A. Pulmonary embolism and thrombosis	15	..	...	.	..	3	.			.	...	..	.	..	.	1	...	...	..	..	...	..	.	2	...
111B. Others under this title	92	..	...	2	..	1	1	.	1	1	.	1	4	..	1	6	.	..	1	1	1	.	1	2	1
112. Asthma	209	..	4	6	4	8	3	.	2	1	1	6	1	1	1	5	1	..	1	5	4	..	3	2	1
113. Pulmonary emphysema	3	..	.	.	.	1	.	.	.	.	.	.	.	..	.	..	.	...	...	..	.	..	..	...	...
114. Other diseases of the respiratory system (tuberculosis excepted)	53	.	1	2	2	6	2	1	.	.	...	2	...	1	..	1	.	..	1	..	1	..	2	1	...
114A. Chronic interstitial pneumonia including occupational diseases of the respiratory system	13	.	...	2	.	3	2	..	.	.	.	..	..	1	..	...	...	..	1	...	...	..	...	1	...
114C. Others under this title	40	.	1	. .	2	3	.	1	..	.	...	2	..	..	...	1	...	..	...	...	1	..	2	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
20	7	23	7	94	18	19	12	26	35	36	8	9	36	37	15	2	..	24	4	35	5	14	22	15	19	29	18	25	55	368	93C
4	1	23	2	35	2	5	8	9	6	11	5	4	21	23	7	12	..	25	2	21	25	16	5	5	12	23	15	25	49	118	93D
65	15	68	4	187	28	40	42	44	86	67	25	45	59	61	15	28	13	34	10	121	23	53	86	23	48	128	120	62	244	1380	94
...	..	1	1	11	1	...	...	1	4	6	1	1	4	5	..	2	..	2	1	1	1	2	33	...	...	5	1	1	10	47	94A
60	10	59	3	151	24	37	40	36	78	50	21	40	52	50	9	22	13	29	6	108	18	48	52	21	38	116	107	55	220	1258	94B
5	5	8	..	25	3	3	2	7	4	11	3	4	3	6	6	4	..	3	3	12	4	3	1	2	10	7	12	6	14	75	94C
3	..	8	..	28	1	5	1	3	9	4	2	1	16	2	2	6	3	2	1	4	...	4	...	8	2	5	10	5	12	97	95
1	..	...	..	5	..	1	1	...	2	...	..	...	4	...	..	1	..	...	1	2	...	1	...	2	1	1	2	1	3	30	95A
2	..	8	..	23	1	4	...	3	7	4	2	1	12	2	2	5	3	2	..	2	...	3	...	6	1	4	8	4	9	67	95B
...	..	3	..	2	..	...	...	1	...	1	..	...	1	1	..	...	...	2	..	3	1	...	1	1	1	2	1	3	9	14	96
95	24	82	10	181	17	32	67	55	117	67	31	40	86	77	23	31	5	61	16	168	40	31	44	28	37	143	116	75	309	962	97
2	..	1	..	2	..	1	...	2	4	1	1	...	2	...	2	..	...	...	..	2	1	1	4	1	1	...	...	4	1	20	98
3	..	...	..	2	..	...	2	2	...	...	...	...	...	...	..	...	..	1	..	3	1	1	1	...	...	...	1	...	2	5	99
...	..	3	..	6	1	...	1	...	4	1	..	...	1	...	...	...	..	1	1	1	...	1	2	...	1	...	3	1	8	14	100
...	...	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	1	1	101
2	2	15	..	53	10	18	3	8	13	15	14	6	15	17	1	4	1	16	1	34	7	19	14	6	9	17	12	14	59	332	102
..	..	...	..	...	..	...	...	...	...	...	1	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	..	...	1	103
34	5	36	5	134	12	29	20	27	49	36	21	16	31	44	19	5	13	36	6	68	33	51	48	33	29	55	56	46	186	609	
...	..	1	..	1	..	...	...	...	1	...	..	...	1	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	2	7	104
...	..	...	..	1	..	...	...	...	...	...	..	...	...	1	1	..	..	...	..	...	...	...	1	...	1	...	...	...	...	5	105
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	....	105A
...	..	...	..	1	..	...	...	...	...	...	..	...	...	1	1	..	..	...	..	...	...	...	1	.	1	...	...	...	...	5	105B
1	..	2	..	2	..	3	2	2	...	4	2	2	2	1	1	..	..	1	..	5	...	1	...	1	...	2	3	...	5	27	106
..	..	1	..	1	..	1	1	...	...	1	2	1	1	...	..	..	..	1	..	...	...	1	...	...	...	1	1	...	...	9	106A
...	..	...	..	1	..	1	...	1	...	2	..	1	1	1	1	..	..	...	..	2	...	...	..	1	...	1	2	...	3	12	106B
1	..	1	..	...	..	1	1	1	...	1	..	...	...	...	..	..	..	...	..	3	...	...	...	...	...	...	...	...	2	6	106C
20	2	14	2	80	4	14	8	2	23	20	9	6	10	16	8	2	6	14	4	28	16	27	24	13	14	17	24	14	90	303	107
20	2	14	2	80	4	14	8	2	23	20	9	6	10	16	8	2	6	14	4	28	15	27	24	13	14	17	23	14	90	303	107A
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	...	..	...	1	..	...	...	..	...	1	...	...	....	107B
7	..	12	1	27	4	8	1	13	14	4	..	4	8	9	3	..	2	7	2	17	9	13	9	10	3	16	16	14	54	132	108
1	..	2	1	6	1	3	5	1	4	4	4	1	4	6	2	1	2	6	..	8	5	3	3	5	7	10	6	9	9	32	109
...	..	...	..	4	1	..	2	...	...	1	1	...	...	...	...	..	2	1	..	...	1	2	3	1	..	2	1	1	3	13	110
..	1	3	..	1	1	...	...	4	5	1	1	...	2	3	1	..	..	3	..	2	2	2	4	1	2	3	1	3	6	24	111
..	..	1	..	...	..	...	...	...	...	1	..	...	1	...	..	..	..	1	..	...	2	...	...	...	...	...	...	...	...	3	111A
..	1	2	..	1	1	...	...	4	5	...	1	...	1	3	1	..	..	2	..	2	...	2	4	1	2	3	1	3	6	21	111B
4	2	2	1	7	1	1	1	4	2	2	4	3	4	6	3	2	1	3	..	5	...	2	4	2	2	5	5	5	14	52	112
..	..	...	..	...	..	...	...	1	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	1	113
1	..	...	..	5	..	...	1	...	...	...	..	...	...	2	..	..	..	1	..	3	...	1	...	...	...	...	...	...	3	13	114
..	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	1	2	114A
1	..	...	..	5	..	...	1	...	...	...	..	...	...	2	..	..	..	1	..	3	...	1	...	...	...	...	...	...	2	11	114C

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
CLASS IX.—DISEASES OF THE DIGESTIVE SYSTEM																									
Total	1957	3	32	29	22	133	37	12	3	5	22	56	51	7	2	27	5	3	6	24	26	11	51	27	19
115. Diseases of the buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)	152	..	5	2	1	6	4	1	1	1	5	3	2	..	..	3	...	1	1	...	4	1	5	3	2
115A. Diseases of the buccal cavity and annexa	58	..	1	1	1	3	2	1	..	1	1	1	...	...	...	1	...	...	...	...	...	..	...	3	1
115B. Diseases of the tonsils	32	..	2	1	...	1	2	..	..	...	1	...	...	...	...	...	...	1	...	...	1	..	2	..	1
115C. Others under this title	62	..	2	...	...	2	..	..	1	...	3	2	2	..	..	2	...	..	1	...	3	1	3	.	...
116. Diseases of the oesophagus	4	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
117. Ulcer of the stomach or duodenum	325	..	4	5	3	20	6	1	..	1	1	11	6	1	..	3	...	..	1	8	7	2	11	6	3
117A. Ulcer of the stomach	157	.	3	1	2	13	3	1	..	...	...	6	2	1	..	2	...	..	1	2	5	1	4	3	2
117B. Ulcer of the duodenum	168	.	1	4	1	7	3	..	..	1	1	5	4	..	..	1	...	..	...	6	2	1	7	3	1
118. Other diseases of the stomach	27	..	1	...	2	...	..	..	..	...	1	1	...	..	..	2	...	..	...	1	1	..	1	...	.
119. Diarrhoea and enteritis (under 2 years of age)	149	..	4	3	4	15	8	1	..	...	1	2	1	1	1	5	...	..	...	2	...	1	4	2	1
120. Diarrhoea and enteritis (2 years and over)	108	..	1	2	...	9	3	..	..	...	1	4	1	2	1	2	...	..	1	...	3	1	3	...	1
120A. Diarrhoea and enteritis	68	..	1	1	...	5	3	..	..	...	...	1	1	2	1	1	...	..	1	...	3	1	2	...	1
120B. Ulceration of the intestines	40	..	...	1	...	4	..	..	..	...	1	3	...	..	..	1	...	..	...	...	...	..	1	...	..
121. Appendicitis	276	..	7	3	3	25	7	3	..	...	2	11	9	..	..	3	1	..	...	3	1	1	10	3	2
122. Hernia, intestinal obstruction	339	1	5	6	3	19	3	4	1	...	7	9	14	2	..	3	1	..	...	5	4	2	4	5	4
122A. Hernia	153	1	2	4	1	11	2	3	..	...	5	6	5	1	..	2	1	..	...	2	2	..	2	3	
122B. Intestinal obstruction	186	..	3	2	2	8	1	1	1	...	2	3	9	1	..	1	...	..	...	3	2	2	2	2	4
123. Other diseases of the intestines	47	.	...	...	...	3	..	..	..	...	1	1	3	..	..	...	1	..	2	1	...	..	1	...	1
124. Cirrhosis of the liver	154	1	2	1	3	11	1	..	..	...	2	5	3	..	..	3	...	..	...	...	...	..	3	...	3
124A. Specified as alcoholic	6	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
124B. Not specified as alcoholic	148	1	2	1	3	10	1	..	..	...	2	5	3	..	..	3	...	..	...	...	...	..	3	...	3
125. Other diseases of the liver	36	..	...	2	...	1	2	..	..	...	...	...	...	..	..	...	...	1	...	...	...	1	2	...	...
125A. Yellow atrophy of the liver	6	..	...	2	...	1	..	..	..	...	...	...	...	..	..	...	...	1	...	...	...	..	1	...	...
125B. Others under this title	30	..	...	...	...	...	2	..	..	...	...	...	...	..	..	...	...	..	...	...	...	1	1	...	...
126. Biliary calculi	145	..	2	1	1	15	1	1	1	2	...	6	7	..	..	2	...	..	1	3	4	2	5	2	...
127. Other diseases of the gall-bladder and biliary passages	155	1	1	3	2	7	2	1	..	1	1	3	5	1	..	1	2	2	...	1	2	..	2	6	1
128. Diseases of the pancreas	16	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
129. Peritonitis, cause not specified	24	..	...	1	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	1
CLASS X.—DISEASES OF THE GENITO-URINARY SYSTEM																									
Total	2819	8	37	54	44	175	24	11	21	21	47	128	85	17	21	36	19	4	15	67	52	9	67	51	32
130. Acute nephritis (including unspecified, under 10 years of age)	63	..	3	1	...	1	1	..	..	1	2	3	2	..	..	1	...	..	...	1	2	..	1	..	..
131. Chronic nephritis	1408	8	22	29	21	98	9	6	17	10	30	67	46	10	10	19	7	1	8	42	27	4	29	30	18
132. Nephritis, unspecified (10 years and over)	487	..	6	7	9	27	3	1	3	4	4	26	9	2	8	3	5	..	5	9	13	3	15	8	11
133. Other diseases of the kidneys and ureters	136	..	...	1	...	6	4	..	..	...	4	9	2	..	..	2	1	..	1	2	2	..	4	2	...
134. Calculi of the urinary passages	71	..	1	1	1	6	..	1	..	...	...	1	5	..	1	1	1	1	...	...	...	..	1	1	...
135. Diseases of the bladder tumours excepted)	73	..	1	2	2	2	1	..	1	1	...	4	2	2	..	2	...	..	...	1	...	..	1	1	3
136. Diseases of the urethra, urinary abscess, etc.	25	..	...	1	...	2	..	..	..	...	...	...	2	..	..	1	...	..	...	...	...	..	...	...	...
136A. Stricture of the urethra	15	..	...	1	...	1	..	..	..	...	...	...	1	..	..	...	...	..	...	...	...	..	...	...	...
136B. Others under this title	10	..	...	...	...	1	..	..	..	...	...	...	1	..	..	1	...	..	...	...	...	..	...	...	...
137. Diseases of the prostrate	486	..	4	11	10	27	5	3	..	4	6	16	16	2	2	7	5	2	1	9	8	2	16	8	..
138. Diseases of the male genital organs (not specified as venereal)	4	..	...	...	...	1	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
139. Diseases of the female genital organs (not specified as venereal)	66	..	...	1	1	5	1	..	..	1	1	2	1	1	..	...	...	..	...	3	...	..	...	1	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
17	..	29	10	79	11	28	22	15	28	32	12	8	23	27	23	6	7	37	6	51	34	48	37	23	20	54	38	32	129	458	
3	..	...	3	3	..	1	3	1	3	3	1	...	1	3	2	..	..	1	..	8	2	4	4	3	2	6	4	3	10	27	115
2	..	...	..	2	..	1	3	1	...	...	1	...	...	2	1	..	..	...	..	3	...	...	1	3	1	1	1	...	2	16	115A
1	..	...	..	...	..	...	...	...	2	1	..	...	...	...	1	..	..	...	..	...	...	3	2	...	...	3	1	1	3	2	115B
...	..	...	3	1	..	...	...	...	1	2	..	...	1	1	..	..	..	1	..	5	2	1	1	...	1	2	2	2	5	9	115C
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	1	..	..	...	..	...	...	...	...	...	...	...	...	...	1	2	116
1	..	9	1	16	2	3	1	2	9	2	3	1	3	2	..	..	1	1	..	11	3	3	6	3	5	7	4	4	25	97	117
1	..	7	..	14	..	1	1	2	7	2	2	1	1	...	..	..	1	...	..	4	2	1	5	1	1	5	2	1	11	32	117A
...	..	2	1	2	2	2	..	...	2	...	1	...	2	2	..	..	..	1	..	7	1	2	1	2	4	2	2	3	14	65	117B
...	..	1	..	1	..	1	...	2	1	...	...	...	...	...	1	..	..	1	1	...	...	...	...	...	...	...	...	2	1	5	118
3	..	1	3	3	2	6	3	1	1	1	2	...	2	...	4	1	1	3	1	3	3	22	2	5	...	4	2	...	2	12	119
2	..	...	3	6	..	2	1	1	1	...	1	1	1	2	2	2	..	4	..	6	3	2	...	...	1	1	2	...	7	22	120
1	..	...	2	5	..	1	...	1	1	...	1	...	1	1	2	2	..	2	..	5	3	2	...	...	...	1	2	...	5	6	120A
1	..	...	1	1	..	1	1	...	...	...	...	1	...	1	..	..	..	2	..	1	...	...	...	...	1	...	...	...	2	16	120B
2	..	3	..	16	..	4	...	1	1	5	1	1	1	3	5	..	1	10	1	6	8	3	10	3	...	9	6	6	20	56	121
2	..	5	..	14	3	6	9	4	7	12	2	...	5	5	2	1	2	7	1	5	3	4	4	3	6	9	8	5	21	82	122
2	..	2	..	5	2	2	4	2	2	5	1	...	2	3	2	..	..	2	1	1	1	1	4	1	1	3	4	2	8	37	122A
...	..	3	..	9	1	4	5	2	5	7	1	...	3	2	..	1	2	5	..	4	2	3	...	2	5	6	4	3	13	45	122B
..	..	...	..	1	1	...	1	...	...	...	...	...	...	1	..	..	..	...	..	2	1	...	4	2	1	...	...	...	3	16	123
1	..	1	..	3	..	1	1	...	1	2	1	2	2	2	1	..	1	4	..	3	4	4	...	2	...	10	4	4	14	48	124
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	2	...	...	...	...	...	...	.	3	124A
1	..	1	..	3	..	1	1	...	1	2	1	2	2	2	1	..	1	4	..	3	4	2	...	2	...	10	4	4	14	45	124B
1	..	...	..	1	1	...	...	...	1	...	...	...	1	...	1	..	..	...	..	3	...	...	2	...	1	...	...	...	1	14	125
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	1	125A
1	..	...	..	1	1	...	...	...	1	...	...	...	1	...	1	..	..	...	..	3	...	...	2	...	1	...	...	...	1	13	125B
1	..	3	..	6	1	1	1	1	1	3	..	...	1	3	1	..	..	2	..	2	4	4	1	2	3	5	3	3	11	26	126
1	..	6	..	8	1	2	1	1	2	4	1	2	6	5	3	2	1	3	2	2	2	2	3	...	...	2	3	5	10	31	127
..	..	...	..	1	..	...	1	..	...	...	..	1	...	1	..	..	..	...	..	...	...	...	1	...	...	1	2	...	...	7	128
...	..	...	..	...	..	1	...	1	...	...	...	...	...	...	..	..	..	1	..	...	1	...	...	...	1	...	...	...	3	13	129
39	11	55	8	165	13	33	18	23	33	48	21	19	28	47	17	28	11	39	16	89	48	36	40	16	21	76	68	60	125	523	
...	..	...	..	3	..	...	...	...	1	2	..	...	1	1	..	..	1	2	..	5	...	1	...	...	2	2	3	1	3	16	130
31	7	30	6	102	6	20	7	11	11	24	14	12	7	15	8	22	6	20	11	46	24	19	11	4	7	34	31	32	60	202	131
5	4	5	..	8	6	7	7	5	12	9	2	5	9	10	8	3	1	4	4	16	7	4	7	4	2	14	13	7	19	99	132
...	..	5	..	3	..	...	3	1	...	...	..	...	...	3	..	..	2	1	..	6	1	7	3	2	1	3	1	4	5	45	133
...	..	1	..	2	..	...	...	...	1	1	..	1	...	2	..	..	..	...	..	...	1	...	5	...	1	2	2	...	5	25	134
1	..	...	..	3	..	1	...	...	2	1	..	...	...	...	..	1	1	2	..	2	3	1	3	1	1	...	2	1	...	21	135
.	..	...	..	1	..	...	...	...	...	...	..	...	...	2	..	..	..	...	..	...	...	...	...	...	...	2	1	1	...	12	136
...	..	...	..	1	..	...	...	...	...	...	..	...	...	1	..	..	..	...	..	...	...	...	...	...	...	2	1	...	...	7	136A
...	..	...	..	...	..	...	...	...	...	...	..	...	...	1	..	..	..	...	..	...	...	...	...	...	...	...	...	1	...	5	136B
2	..	13	2	39	1	4	1	6	6	10	4	1	10	13	1	2	..	6	1	13	12	3	5	3	7	17	9	11	30	90	137
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	1	...	1	1	138
...	..	1	..	4	..	1	...	...	...	1	1	...	1	1	..	..	..	4	..	1	...	1	6	2	...	2	5	3	2	12	139

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
139A. Of the ovary, Fallopian tube and parametrium	30			1	1	2	1					1		1						1				1	
139B. Of the uterus	31					2					1	1	1							2					
139C. Of the breast	2									1															
139D. Others under this title	3					1																			
CLASS XI.—DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE																									
Total	254		5	2	3	15	7			1	5	8	2	1		3		3		5	5		1	4	2
140. Abortion with septic conditions	33			1		4	1					1													1
140A. Abortion	18			1		3																			1
140B. Self-induced abortion	15					1	1					1													
141. Abortion without mention of septic conditions (haemorrhage included)	10		1			1	1				1										1			1	
141A. Abortion	8					1	1				1										1			1	
141B. Self-induced abortion	2		1																						
142. Ectopic gestation	9					3						1													
142A. With septic conditions	1																								
142B. Without mention of septic conditions	8					3						1													
143. Other accidents of pregnancy (haemorrhage excluded)	3											1		1											
144. Puerperal haemorrhage	25		1			1	1			1		1								1					
144A. Placenta praevia	11		1				1													1					
144B. Other haemorrhages	14					1				1		1													
145. Puerperal septicaemia (not specified as due to abortion	35					1	1					2				1				1	1			1	
145A. Puerperal septicaemia and pyaemia	35					1	1					2				1				1	1			1	
146. Puerperal albuminuria and eclampsia	56		1	1		1	1				1	2				1		2			3		1	1	1
147. Other toxemias of pregnancy	15						1						1			1				1				1	
148. Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic)	47		1		2	4					1		1					1		2					
148A. Phlegmasia alba dolens and thrombosis	6					1														1					
148B. Embolism	22				1	2					1		1							1					
148C. Sudden death	19		1		1		1											1							
149. Other accidents of childbirth	19		1		1		1				2														
149A. Caesarean operation	6																								
149B. Other surgical operations and instrumental delivery	2																								
149C. Dystocia	3				1						1														
149D. Rupture of uterus in parturition	3		1																						
149E. Others under this title	5						1				1														
150. Other or unspecified condition of the puerperal state	2																								
150B. Others under this title	2																								
CLASS XII.—DISEASES OF THE SKIN AND CELLULAR TISSUES																									
Total	49		1			2	2		1		2	1	2		1			1		1					
151. Carbuncle	11					1			1											1					
152. Cellulitis, acute abscess	19		1			1	1											1							
153. Other diseases of the skin and annexa and of the cellular tissue	19						1				2	1	2		1										

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	..	1	..	3	..	1	...	...	...	...	...	...	...	1	...	..	...	1	..	...	...	...	3	1	...	1	...	...	2	7	139A
...	..	...	..	1	..	...	...	...	...	1	1	...	1	...	...	..	...	3	..	1	...	1	3	1	...	1	4	2	...	4	139B
...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	1	...	...	...	139C
...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	1	...	1	139D
10	..	5	1	8	1	5	1	...	8	5	6	...	4	2	4	..	3	6	..	7	2	13	7	7	4	8	4	7	10	44	
1	..	...	..	2	..	...	...	...	2	...	...	...	...	...	...	..	...	...	..	...	...	3	2	3	1	...	...	...	1	10	140
1	..	...	..	1	..	...	...	...	1	...	...	...	...	...	...	..	...	...	..	...	...	3	...	2	1	...	...	...	...	4	140A
...	..	...	..	1	..	...	...	...	1	...	...	...	...	...	...	..	...	...	..	...	...	...	2	1	...	...	...	...	1	6	140B
...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	..	1	...	..	...	...	...	...	...	...	...	...	...	1	2	141
...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	..	1	...	..	...	...	...	...	...	...	...	...	...	1	1	141A
...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	1	141B
...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	1	..	...	...	..	...	...	...	...	...	...	1	1	...	1	1	142
...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	1	...	...	...	...	142A
...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	1	..	...	...	..	...	...	...	...	...	...	...	1	...	1	1	142B
...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	1	143
1	..	1	..	3	1	...	...	...	...	1	...	...	1	...	...	..	...	...	..	1	1	1	...	...	1	1	1	1	...	4	144
1	..	1	..	1	1	...	...	...	...	1	...	...	...	...	...	..	...	...	..	...	...	1	...	...	1	...	1	...	...	...	144A
...	..	...	..	2	..	...	...	...	...	...	...	...	1	...	...	..	...	...	..	1	1	...	...	...	...	1	...	1	...	4	144B
1	..	2	..	1	..	1	1	...	2	1	2	...	2	...	1	..	...	1	..	...	...	3	1	...	...	1	1	1	...	5	145
1	..	2	..	1	..	1	1	...	2	1	2	...	2	...	1	..	...	1	..	...	...	3	1	...	...	1	1	1	...	5	145A
3	..	1	..	2	..	1	...	...	1	1	2	...	...	...	...	..	1	2	..	3	...	2	3	1	...	4	1	2	3	7	146
2	..	...	..	...	..	...	...	...	...	1	...	...	...	...	...	..	...	...	..	1	...	1	...	...	2	...	...	...	2	1	147
2	..	...	..	...	..	3	...	...	...	1	1	...	1	2	2	..	1	1	..	2	1	3	1	1	...	1	...	1	2	9	148
...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	1	...	1	...	...	...	...	...	...	2	148A
1	..	...	..	...	..	1	...	...	...	1	...	...	1	...	1	..	1	1	..	2	...	1	...	1	...	1	...	...	...	4	148B
1	..	...	..	...	..	2	...	...	...	...	1	...	...	2	1	..	...	...	..	...	...	2	...	...	...	...	...	1	2	3	148C
...	..	1	1	...	..	...	...	...	2	...	1	...	...	...	...	..	...	2	..	...	...	...	...	2	...	...	...	2	...	3	149
...	..	1	..	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	2	...	...	...	1	...	2	149A
...	..	...	..	...	..	...	...	...	1	...	1	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	...	149B
...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	1	...	...	149C
...	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	..	...	1	..	...	...	...	...	...	...	...	...	...	...	1	149D
...	..	...	1	...	..	...	...	...	1	...	...	...	...	...	...	..	...	1	..	...	...	...	...	...	...	...	...	...	...	...	149E
...	..	...	..	...	..	...	...	...	1	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	1	150
...	..	...	..	...	..	...	...	...	1	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	1	150B
2	..	...	..	3	..	...	1	...	1	...	1	1	...	1	1	..	..	2	..	1	...	...	...	1	...	4	1	1	2	12	
...	..	...	..	1	..	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	2	...	...	...	5	151
2	..	...	..	1	..	...	...	...	1	...	1	...	...	1	1	..	...	1	..	1	...	...	...	...	...	...	1	1	1	3	152
...	..	...	..	1	..	...	1	...	...	...	..	1	...	...	...	..	..	1	..	...	...	...	...	1	...	2	...	...	1	4	153

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora incl. Patricia	Kent	Lambton	Lanark
CLASS XIII.—DISEASES OF THE BONES AND ORGANS OF LOCOMOTION																									
Total	82	1	...	..	..	6	..	..	..	2	2	3	2	..	..	1	..	1	1	1	3	.	1	..	...
154. Osteomyelitis	43	1	...	...	...	5	..	..	..	1	1	2	1	..	...	...	...	..	..	...	2	..	1	..	...
155. Other diseases of the bones (tuberculosis excepted)	15	..	...	..	...	1	..	..	..	1	1	1	1	..	...	...	...	..	..	...	...	..	...	...	...
156. Diseases of the joints and other organs of locomotion	24	..	...	...	...	...	...	..	..	...	...	...	...	..	..	1	..	1	1	1	1	..	...	...	...
156A. Of the joints (tuberculosis and rheumatism excepted)	14	..	...	...	...	...	...	..	..	...	...	...	...	..	..	..	...	.	1	1	1	..	...	...	...
156B. Of other organs of locomotion	10	..	...	...	...	...	...	..	..	...	...	...	...	..	..	1	...	1	..	...	..	..	...	...	...
CLASS XIV.—CONGENITAL MALFORMATIONS																									
Total	538	1	8	16	5	31	21	2	..	1	5	16	7	2	2	8	1	..	3	19	4	5	9	9	2
157. Congenital malformations (stillbirths excluded)	538	1	8	16	5	31	21	2	..	1	5	16	7	2	2	8	1	..	3	19	4	5	9	9	2
157A. Congenital hydrocephalus	57	1	1	1	...	4	5	..	...	...	...	4	...	...	...	2	...	..	2	1	...	...	.	2	..
157B. Spina bifida and meningocele	170	.	2	7	2	15	4	2	..	...	4	3	1	1	..	3	...	...	..	5	...	...	1	5	1
157C. Congenital malformations of the heart	177	.	1	5	1	6	5	..	..	1	1	6	4	..	1	3	1	..	1	9	3	5	1	2	1
157D. Monstrosities	14	.	...	...	...	...	1	..	...	...	...	...	...	..	..	...	...	...	...	...	...	..	2	...	...
157E. Others under this title	120	.	4	3	2	6	6	..	...	...	...	3	2	1	1	...	...	...	..	4	1	..	5	.	...
CLASS XV.—DISEASES OF EARLY INFANCY																									
Total	1529	5	29	16	19	105	61	6	8	8	13	73	27	3	3	29	3	8	1	30	22	14	25	21	17
158. Congenital debility	75	1	2	1	1	4	3	..	2	...	...	2	2	..	1	1	1	..	1	2	1	1	2	.	3
159. Premature birth	952	2	16	11	13	64	28	3	4	6	12	53	19	2	1	19	1	5	...	18	12	8	13	13	10
160. Injury at birth	256	1	4	4	1	21	13	2	..	1	1	7	3	..	..	5	1	3	...	5	5	3	6	5	2
160A. With mention of caesarean operation	8	..	...	...	...	1	1	..	...	...	...	...	...	...	...	...	...	...	...	..	1	..	.	.	...
160B. Without mention of caesarean operation	248	1	4	4	1	20	12	2	..	1	1	7	3	..	..	5	1	3	..	5	4	3	6	5	2
161. Other diseases peculiar to early infancy (under 3 months)	246	1	7	...	4	16	17	1	2	1	...	11	3	1	1	4	...	...	...	5	4	2	4	3	2
161A. Atelectasis	99	..	5	...	2	5	4	...	...	...	...	7	...	..	1	1	...	...	...	1	1	1	2	3	2
161B. Icterus of the new-born	32	..	1	...	...	4	..	...	...	...	...	...	1	..	...	...	...	...	...	...	1	1	1	...	...
161C. Sclerema and oedema	2	.	...	...	...	...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	...	..	...	...	...
161D. Athrepsia	4	..	...	...	...	...	...	...	...	...	...	...	...	1	..	...	...	...	...	...	...	..	...		...
161E. Others, including lack of care	101	..	1	...	2	7	7	1	2	1	...	4	1	..	..	3	..	..	..	4	2	..	1	.	...
161F. No cause given, no doctor in attendance	8	1	...	...	...	...	6	..	...	...	...	...	...	..	..	...	...	.	...	...	...	..	...	.	...
CLASS XVI.—SENILITY																									
Total	339	..	4	9	7	16	1	10	1	7	2	3	4	1	2	9	7	..	1	4	3	4	1	6	7
162. Senility	339	.	4	9	7	16	1	10	1	7	2	3	4	1	2	9	7	..	1	4	3	4	1	6	7
162A. With senile dementia (70 years and over)	48	.	...	3	1	1	..	1	..	2	...	...	2	..	..	1	1	..	..	1	2	..	...	...	...
162B. Without senile dementia (70 years and over)	291	.	4	6	6	15	1	9	1	5	2	3	2	1	2	8	6	..	1	3	1	4	1	6	7

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	...	...	..	1	1	...	1	...	2	1	..	...	1	2	..	..	1	3	..	2	1	2	3	1	1	1	...	1	4	29	
...	...	...	..	...	...	...	...	...	2	1	..	...	...	2	..	..	1	2	..	...	1	2	2	...	...	1	...	...	4	11	154
...	...	...	..	1	..	...	...	...	...	...	..	...	...	...	..	..	..	1	..	1	...	...	...	...	1	...	...	...	...	6	155
...	...	...	..	...	1	...	1	...	...	...	..	...	1	...	..	..	..	...	..	1	...	...	1	1	...	...	...	1	...	12	156
...	...	...	..	...	..	...	1	...	...	...	..	...	1	...	..	..	..	...	..	1	...	...	1	...	...	...	...	1	...	6	156A
...	...	...	..	...	1	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	1	...	...	...	...	...	6	156B
6	1	4	2	22	2	6	4	2	11	13	3	5	4	7	4	3	1	4	2	17	7	13	11	12	1	13	10	3	20	148	
6	1	4	2	22	2	6	4	2	11	13	3	5	4	7	4	3	1	4	2	17	7	13	11	12	1	13	10	3	20	148	157
1	..	1	..	...	..	...	...	...	...	...	..	...	...	3	1	..	..	1	1	1	...	2	1	1	...	...	1	2	1	17	157A
4	..	1	..	5	2	3	1	...	3	5	1	3	1	1	2	1	1	2	..	9	3	3	2	5	...	3	2	...	5	46	157B
1	1	..	1	11	..	2	1	2	5	4	1	2	1	2	1	2	..	1	1	4	...	3	5	1	...	8	4	1	6	49	157C
...	...	...	1	1	..	...	1	...	1	1	..	...	...	...	..	..	..	...	..	...	...	2	...	...	...	1	...	...	1	2	157D
..	..	2	..	5	..	1	1	...	2	3	1	...	2	1	..	..	..	...	..	3	4	3	3	5	1	1	3	...	7	34	157E
18	..	18	9	39	12	24	22	13	22	22	17	6	22	24	19	7	10	35	12	33	24	81	34	51	11	27	35	21	59	256	
1	..	...	..	2	..	3	1	1	...	...	2	...	1	1	2	2	..	4	..	2	...	4	1	5	...	...	2	3	2	5	158
12	..	9	4	32	7	8	14	8	14	16	10	4	15	15	5	1	7	22	6	20	19	50	20	35	7	17	23	11	33	175	159
1	..	6	3	4	2	8	4	2	3	4	2	...	5	3	7	1	..	1	4	6	3	14	8	7	2	5	6	7	16	29	160
1	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	1	1	...	1	1	...	...	...	...	...	...	....	160A
...	..	6	3	4	2	8	4	2	3	4	2	...	5	3	7	1	..	...	4	5	3	13	7	7	2	5	6	7	16	29	160B
4	..	3	2	1	3	5	3	2	5	2	3	2	1	5	5	3	3	8	2	5	2	13	5	4	2	5	4	...	8	47	161
1	..	1	1	...	..	3	...	...	2	1	..	1	...	3	1	1	1	4	2	2	2	...	5	2	1	4	2	...	3	21	161A
1	..	2	..	...	..	...	...	1	...	...	1	...	...	...	2	..	..	...	..	1	...	4	...	1	...	1	1	...	2	6	161B
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	1	161C
..	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	2	...	...	...	...	1	...	...	....	161D
2	..	...	1	1	3	2	3	1	3	1	2	1	1	2	2	2	2	3	..	2	...	7	...	1	1	...	...	...	3	19	161E
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	1	..	...	...	...	...	...	...	...	...	...	...	....	161F
11	2	10	1	13	1	2	9	14	6	8	2	1	6	16	7	3	2	11	..	13	3	3	2	5	3	3	3	13	7	50	
11	2	10	1	13	1	2	9	14	6	8	2	1	6	16	7	3	2	11	..	13	3	3	2	5	3	3	3	13	7	50	162
4	..	3	..	3	..	...	1	1	3	4	1	1	1	...	..	..	..	1	..	...	...	...	...	2	...	1	...	1	1	5	162A
7	2	7	1	10	1	2	8	13	3	4	1	...	5	16	7	3	2	10	..	13	3	3	2	3	3	2	3	12	6	45	162B

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patricia	Kent	Lambton	Lanark
CLASS XVII.—VIOLENT OR ACCIDENTAL DEATHS																									
Total	2926	6	44	35	16	146	64	11	9	30	33	106	55	6	9	47	31	6	17	70	39	50	85	49	27
163–171. Suicides	340	1	5	5	2	18	6	2	..	2	7	15	6	..	..	2	5	..	4	3	...	3	4	5	1
163. Suicide by solid or liquid poisons or by absorption of corrosive substances	42	..	...	...	1	4	..	1	..	...	2	2	1	...	...	...	...	...	...	...	...	1	...	...	...
164. Suicide by poisonous gas	42	..	...	1	...	...	..	..	..	...	...	2	...	...	...	...	...	..	1	...	...	..	...	...	...
165. Suicide by hanging or strangulation	91	1	3	2	...	3	3	..	..	1	...	4	1	...	...	1	1	..	2	1	...	..	...	2	...
166. Suicide by drowning	43	..	...	...	...	2	1	1	..	1	4	1	1	...	...	...	1	..	1	...	...	1	1	1	
167. Suicide by firearms	81	..	2	2	1	5	1	..	..	...	1	5	3	...	...	...	3	...	...	1	...	1	2	1	1
168. Suicide bu cutting or piercing instruments	18	..	...	...	...	1	1	..	..	...	...	1	...	...	...	1	...	...	...	1	...	...	1	1	...
169. Suicide by jumping from high places	14	..	...	...	...	2	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
170. Suicide by crushing	4	..	...	...	...	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
171. Suicide by other means	5	..	...	...	...	1	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
173–175. Homicides	55	..	...	...	...	...	3	..	..	1	...	3	...	...	...	...	...	...	...	3	1	1	..	3	...
173. Homicide by firearms	22	..	...	...	...	...	..	..	..	...	...	1	...	...	...	...	...	...	...	2	...	1	..	...	...
174. Homicide by cutting or piercing instruments	3	..	...	...	...	...	1	..	..	...	...	...	...	...	...	...	...	...	...	...	1	..	...	...	...
175. Homicide by other means	30	..	...	...	...	...	2	..	..	1	...	2	...	...	...	...	...	...	...	1	...	...	...	3	...
176–198. Other violent deaths	2531	5	39	30	14	128	55	9	9	27	26	88	49	6	9	45	26	6	13	64	38	46	81	41	26
176. Attack by venomous animals	1	..	...	...	...	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
177. Food poisoning	4	..	...	...	...	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
178. Accidental absorption of toxic gases	32	1	...	1	...	...	1	..	..	...	1	...	...	...	...	...	1	..	...	2	1	1	...	...	..
179. Other acute accidental poisonings (except by gas)	15	..	1	...	...	3	..	..	..	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	...
180. Conflagration	79	..	...	...	...	2	3	..	..	1	...	3	4	1	...	...	...	...	...	1	...	4	1	..	1
181. Accidental burns(conflagration excepted	75	.	...	1	...	10	2	2	..	...	1	3	1	...	..	1	1	...	...	1	1	..	4	1	...
182. Accidental mechanical suffocation	84	..	...	...	...	5	1	..	1	...	1	1	1	..	1	...	1	1	...	2	2	..	2	1	1
183. Accidental drowning	276	1	11	1	...	10	11	..	2	2	1	7	3	..	3	5	5	3	2	8	4	16	8	4	5
184. Accidental injury by firearms	35	..	...	...	...	3	1	1	..	1	...	2	...	...	...	1	...	1	...	2	1	..	1	..	1
185. Accidental injury by cutting or piercing instruments	20	.	...	...	...	3	1	..	..	1	...	...	...	...	...	...	1	..	...	2	...	...	...	2	..
186. Accidental injury by fall. crushing or landslide	1707	3	25	24	11	84	30	6	5	20	20	61	37	4	33	2	17	1	10	40	27	16	62	29	13
188. Injuries by animals	25	.	...	...	...	2	..	..	1	...	2	...	...	...	...	2	...	...	...	...	1	..	...	1	1
189. Hunger or thirst	3	.	...	...	...	...	1	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
190. Excessive cold	13	.	...	...	1	1	..	..	..	...	...	2	...	...	...	1	...	...	...	...	...	1	...	...	1
191. Excessive heat	27	..	1	1	...	...	1	..	..	...	...	4	1	..	1	...	...	...	...	1	...	..	2	2	...
192. Lightning	6	..	...	1	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...
193. Accidents due to electric currents	24	..	1	...	...	...	...	..	..	...	...	1	...	...	...	...	...	...	...	...	...	2	...	...	2
194. Other accidents	81	..	...	1	2	5	3	..	..	1	...	2	2	1	1	3	...	...	1	1	1	1	1	1	1
194A. Foreign body	7	..	...	...	...	2	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
194B. Others under this title	74	.	...	1	2	3	3	..	..	1	...	2	2	1	1	3	...	...	1	1	1	1	1	1	1
195 Violent deaths of which the nature (accident, suicide, homicide) is unknown	21	..	...	...	...	...	...	..	..	1	...	2	...	...	...	...	...	...	...	...	...	2	...	...	...
196. Wounds of war	1	..	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
198. Capital punishment	2	..	...	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CLASS XVIII.—ILL-DEFINED CAUSES OF DEATH																									
Total	63	..	...	...	2	2	11	..	..	1	...	...	...	...	...	3	1	..	...	2	2	5	2	1	...
199. Sudden death	30	..	...	...	1	..	4	..	..	1	...	...	...	...	...	3	1	..	...	2	2	1	1	...	...
200 Cause of death not specified or ill-defined	33	.	...	...	1	2	7	..	..	...	...	...	...	...	...	...	...	...	...	...	...	4	1	1	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

Leeds	Lennox	Lincoln	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
37	6	36	10	125	23	36	34	34	40	53	34	33	33	32	21	12	14	43	12	87	47	81	86	61	25	66	87	39	141	547	
6	2	6	1	18	2	5	1	3	8	3	6	2	6	3	5	1	1	...	1	8	5	5	12	4	3	9	9	7	12	90	163–171
1	..	1	..	2	..	...	1	1	2	...	..	...	1	...	..	..	..	...	..	1	...	...	...	1	...	1	1	2	1	14	163
1	..	...	..	2	..	...	...	...	1	...	..	...	...	...	..	..	..	...	..	...	...	2	...	...	...	...	...	...	3	29	164
3	..	2	1	7	..	3	...	...	2	...	1	1	3	1	2	..	..	...	1	4	3	2	4	...	...	3	4	2	3	14	165
1	1	2	..	1	..	...	...	1	1	2	..	1	...	1	1	..	..	...	..	1	...	...	2	...	...	3	1	1	1	6	166
...	..	1	..	5	1	...	...	1	2	1	5	...	1	1	1	..	..	...	..	2	2	1	5	1	2	2	3	1	1	13	167
...	..	...	..	...	1	1	...	...	...	...	..	...	1	...	1	..	1	...	..	...	...	...	...	1	1	...	...	...	1	3	168
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	1	...	...	...	1	1	9	169
...	..	...	..	1	..	1	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	1	1	170
...	1	...	..	...	..	...	...	...	...	...	..	...	...	...	..	1	..	...	..	...	...	...	1	...	...	...	...	...	...	1	171
...	..	...	..	4	..	...	...	...	...	1	..	3	1	...	..	..	..	...	2	1	...	2	1	...	...	3	1	...	2	19	173–175
...	..	...	..	4	..	...	...	...	...	...	..	...	1	...	..	..	..	...	2	1	...	2	...	...	...	3	1	...	1	3	173
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	1	174
...	..	...	..	...	..	...	...	...	...	1	..	3	...	...	..	..	..	...	..	...	...	...	1	...	...	...	...	...	1	15	175
31	4	30	9	103	21	31	33	31	32	49	28	28	26	29	16	11	13	43	9	78	42	74	73	57	22	54	77	32	127	438	176–198
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	1	...	...	...	...	...	....	176
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	1	...	...	...	1	1	...	....	177
1	..	...	..	1	..	...	1	...	...	...	..	...	...	...	..	..	..	...	..	...	1	1	1	1	1	2	2	1	1	9	178
...	..	...	..	...	..	1	...	...	...	...	..	...	...	1	1	..	..	...	..	...	1	...	...	...	...	...	...	...	...	4	179
7	..	4	3	1	..	...	1	...	1	...	4	...	...	...	..	..	..	...	..	1	6	4	11	4	2	...	1	1	...	7	180
...	..	1	..	3	1	1	1	...	...	...	..	...	1	1	1	..	..	4	..	1	2	2	2	1	1	1	4	..	4	14	181
...	..	1	..	3	..	1	1	...	1	...	..	1	...	2	..	1	1	...	..	1	1	6	4	3	...	4	2	...	6	24	182
2	..	2	2	2	8	7	4	3	3	6	3	7	1	2	1	2	5	8	2	9	9	14	14	11	...	3	10	2	3	19	183
...	..	...	..	...	3	...	1	...	...	...	..	...	1	1	..	..	1	2	..	1	...	2	...	1	1	...	2	...		4	184
...	..	...	..	...	..	...	1	...	...	...	..	...	...	...	1	..	..	1	..	1	...	...	...	...	2	...	1	...	...	3	185
20	4	21	4	82	7	18	21	25	22	36	17	19	20	21	10	7	4	24	6	58	17	40	38	29	16	34	46	25	105	331	186
...	..	1	..	...	..	...	...	...	1	1	..	...	1	..	1	1	1	...	1	2	...	...	...	...	1	3	...	...	1	....	188
...	..	...	..	1	..	1	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	....	189
...	..	...	..	1	..	...	1	...	...	1	..	...	...	...	..	..	..	...	..	1	1	...	...	...	...	1	...	...	...	....	190
...	..	...	..	2	..	...	...	...	1	2	..	...	...	...	..	..	..	1	..	...	...	1	...	...	...	1	...	...	1	4	191
...	..	...	..	...	..	...	...	...	1	1	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	...	...	....	192
...	..	...	..	2	1	1	1	...	1	...	1	...	1	...	..	..	..	...	..	...	2	1	...	1	...	1	4	...	1	....	193
1	..	...	..	4	1	1	...	2	1	2	3	1	1	1	1	..	1	3	..	2	1	3	...	4	...	1	1	...	5	13	194
...	..	...	..	...	..	...	...	...	...	1	..	...	...	1	..	..	..	...	..	1	...	...	...	1	...	...	...	...	...	1	194A
1	..	...	..	4	1	1	...	2	1	1	3	1	1	...	1	..	1	3	..	1	1	3	...	3	...	1	1	...	5	12	194B
...	..	...	..	1	..	...	...	1	...	...	..	...	...	...	..	..	..	...	..	1	1	...	1	1	...	...	4	1	...	5	195
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	1	...	...	...	...	...	...	....	196
...	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	1	...	...	...	1	198
...	..	4	..	1	1	2	...	...	...	...	..	...	...	...	..	..	1	2	..	3	4	2	1	2	...	1	2	2	...	3	
...	..	4	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	1	..	1	2	...	...	1	...	1	1	1	...	2	199
...	..	...	..	1	1	2	...	...	...	...	..	...	...	...	..	..	1	1	..	2	2	2	1	1	...	...	1	1	...	1	200

TABLE 42—CAUSES OF DEATH BY COUNTIES (INCLUDING CITIES,

SPECIAL CLASSES OF

(Included also under the numbers

Counties of Ontario (including cities, towns

IN THE PROVINCE OF

CAUSES OF DEATH	Total	Addington	Algoma	Brant	Bruce	Carleton	Cochrane	Dufferin	Dundas	Durham	Elgin	Essex	Frontenac	Glengarry	Grenville	Grey	Haldimand	Haliburton	Halton	Hastings	Huron	Kenora, incl. Patrica	Kent	Lambton	Lanark
A. Accidents in mines and quarries	41	..	2	1	...	...	13	..	..	...	...	...	...	..	..	...	...	..	...	...	...	8	...	...	...
B. Accidents caused by machines	55	..	4	...	1	5	2	..	..	1	1	1	1	..	..	...	1	..	1	1	1	1	2	...	1
C. Railway accidents	83	..	6	...	...	1	..	..	1	...	...	4	1	2	..	1	2	..	1	3	...	2	1	...	1
D. Street-car accidents	16	..	...	...	...	...	..	..	..	...	...	...	...	..	..	...	...	..	...	...	...	..	...	...	...
E. Automobile and motorcycle accidents	756	2	7	11	3	33	13	3	..	7	12	34	14	2	2	14	6	..	4	19	12	5	34	13	2
F. Other land transportation	25	..	...	...	...	2	1	..	1	...	...	...	...	..	..	2	2	..	1	1	...	..	...	1	...
G. Water transportation	70	1	8	...	...	...	3	..	..	...	...	3	1	..	1	2	1	1	...	...	1	5	...	...	1
H. Air transportation	51	..	...	2	...	2	..	..	..	4	...	3	2	..	..	...	2	..	...	1	...	..	...	...	...

TOWNS AND VILLAGES OF 5,000 AND OVER)—ONTARIO, 1940—Continued

ACCIDENTAL DEATHS

of the International List above)

and villages of 5,000 and over), 1940

Ontario, 1940

Leeds	Lennox	Linclon	Manitoulin	Middlesex	Muskoka	Nipissing	Norfolk	Northumberland	Ontario	Oxford	Parry Sound	Peel	Perth	Peterborough	Prescott	Prince Edward	Rainy River	Renfrew	Russell	Simcoe	Stormont	Sudbury	Thunder Bay	Temiskaming	Victoria	Waterloo	Welland	Wellington	Wentworth	York	
...	..	...	..	...	..	...	...	...	...	...	..	...	...	1	..	..	..	...	..	...	...	2	5	7	...	...	...	...	1	1	A
1	..	...	..	...	1	...	...	2	...	1	1	...	...	1	2	..	1	2	..	...	...	1	..	2	1	4	2	1	3	5	B
1	..	1	..	2	1	3	1	...	2	2	2	1	...	1	..	..	..	1	..	2	1	4	5	1	1	1	4	...	8	12	C
..	..	...	..	...	..	...	...	...	...	...	..	...	...	...	..	..	..	...	..	...	...	...	...	...	...	...	...	1	1	14	D
8	3	9	2	32	3	11	13	8	9	22	7	9	7	6	8	4	4	16	2	23	6	27	18	15	3	18	19	6	58	128	E
...	..	...	..	1	..	...	...	1	...	...	..	1	1	...	..	..	..	...	..	...	2	...	...	...	...	...	1	1	2	4	F
...	..	...	2	...	3	4	1	1	1	...	..	...	...	...	..	1	1	...	..	4	2	10	3	3	...	...	3	...	...	3	G
...	..	4	..	2	1	...	...	5	...	...	..	2	...	...	..	3	..	...	2	7	...	2	1	2	...	1	...	...	...	3	H

TABLE 43—DEATHS FROM CERTAIN CAUSES IN TOWNS AND

	Typhoid and paratyphoid fever	Measles	Scarlet fever	Whooping-cough	Diphtheria	Influenza	Poliomyelitis and polioencephalitis (acute)	Epidemic cerebrospinal meningitis	Tetanus	Tuberculosis	Syphilis	Diseases of the thyroid and parathyroid glands	Bronchitis	Pneumonia	Pleurisy	Puerperal septicaemia
Total towns and villages of 1,000 population and under 5,000...	5	6	1			90	1		2	61	4	21	14	171	10	8
Acton														1		
Alexandria														1		
Alliston						2								4		
Almonte						3								4		
Amherstburg														2		
Arnprior						1				2				1		
Arthur														1		
Aurora														1		
Aylmer														1		
Bancroft						1						1		1		
Barry's Bay																
Beamsville						1										
Blenheim																
Blind River						1								1		
Bobcaygeon										1						
Bowmanville						1								1		
Bracebridge														4	1	
Bradford						1										
Brighton																
Burlington													1	1		
Caledonia						2								1		
Campbellford													1	1		
Capreol														2		
Cardinal																
Carleton Place	1					1								3		
Casselman	1									1						
Chesley						1										
Chesterville										1						
Chippawa																
Clinton																
Cobalt										1				1		
Cochrane										1				3		
Coniston																
Copper Cliff	1									1				2		
Delhi											1		1			
Deseronto						1				1		1		1		
Dresden																
Dryden						1				1				1		
Dunnville										1				3		
Durham						2						1				
Eganville														2		
Elmira																
Elora												1				
Essex						1										
Exeter														2		
Fergus														5		
Forest																
Gananoque										4		1				
Georgetown														1		
Geraldton														1		
Goderich	1	1				3				1			1	3		
Gravenhurst						1								3		
Grimsby										1		1		1		
Hagersville						1								2		
Haileybury										21				2	1	
Hanover														1		
Harriston														1		
Harrow																
Havelock																
Hespeler														2		
Humberstone										1				2		
Huntsville						1										
Iroquois															1	
Iroquois Falls														1		
Kapuskasing										1				4		1
Keewatin																
Kemptville										1						
Kincardine		1											1			
Kingsville		1														
Lakefield						3							1			
Listowel						1				2			1	1		
Little Current																
Long Branch										1				1		
Madoc						1				1						
Markham						2										
Mattawa						4							1	4		
Meaford						5							1	5		
Merritton						1										

VILLAGES OF 1,000 POPULATION AND UNDER 5,000—ONTARIO, 1940

	Typhoid and paratyphoid fever	Measles	Scarlet fever	Whooping-cough	Diphtheria	Influenza	Poliomyelitis and polioencephalitis (acute)	Epidemic cerebrospinal meningitis	Tetanus	Tuberculosis	Syphilis	Diseases of the thyroid and parathyroid glands	Bronchitis	Pneumonia	Pleurisy	Puerperal septicaemia
Milton	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
Mitchell	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....
Morrisburg	....	....	....	....	....	....	1	....	....	....	....	....	....	2	....	....
Mount Forest	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....
Napanee	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....
New Hamburg	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
New Liskeard	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
Newmarket	....	1	....	....	....	1	....	....	....	....	....	1	....	1	1	....
Niagara	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	....
Norwich	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Oakville	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....
Orangeville	....	....	....	....	....	4	....	....	....	2	....	....	1	4	....	....
Palmerston	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
Paris	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
Parkhill	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Parry Sound	....	....	1	....	....	9	....	....	....	....	....	1	1	3	1	2
Penetanguishene	....	....	....	....	....	....	....	....	....	1	....	1	....	7	....	....
Perth	....	....	....	....	....	3	....	....	1	3	....	1	....	2	1	1
Petrolia	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....
Picton	....	1	....	....	....	....	....	....	....	1	....	....	....	3	....	....
Point Edward	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Port Credit	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....
Port Dalhousie	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
Port Dover	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....
Port Elgin	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....
Port Hope	....	....	....	....	....	1	....	....	....	....	....	1	....	6	....	....
Port Perry	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	1
Prescott	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Rainy River	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....
Richmond Hill	....	....	....	....	....	....	....	....	....	....	....	2	....	1	....	....
Ridgetown	....	....	....	....	....	....	....	....	1	....	1	1	....	1	....	....
Rockcliffe Park	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Rockland	....	....	....	....	....	4	....	....	....	....	....	....	....	2	....	....
St. Mary's	....	....	....	....	....	3	....	....	....	....	....	....	....	5	....	....
Seaforth	....	....	....	....	....	....	....	....	....	1	....	1	....	3	....	....
Sioux Lookout	2	....	....	....	....	....	....	....	....	....	....	....	....	3	....	....
Southampton	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
Stayner	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
Stouffville	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	1
Strathroy	....	....	....	....	....	3	....	....	....	....	....	....	....	4	1	....
Sturgeon Falls	....	....	....	....	....	....	....	....	....	....	....	....	1	7	....	1
Tavistock	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Tecumseh	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
Thessalon	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
Tilbury	....	....	....	....	....	1	....	....	....	....	....	....	....	2	....	....
Tillsonburg	....	....	....	....	....	6	....	....	....	1	1	1	....	1	1	....
Tweed	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Uxbridge	....	....	....	....	....	2	....	....	....	....	....	1	....	2	....	....
Vankleek Hill	....	....	....	....	....	1	....	....	....	....	....	....	....	3	....	....
Walkerton	....	....	....	....	....	2	....	....	....	1	....	....	....	1	1	....
Wallaceburg	....	....	....	....	....	1	....	....	....	1	....	....	....	1	....	....
Waterford	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Wiarton	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Winchester	....	....	....	....	....	1	....	....	....	1	....	1	....	1	....	....
Wingham	....	....	....	....	....	....	....	....	....	....	....	....	1	4	....	....

DEPARTMENT OF HEALTH

Sixteenth Annual Report

OF THE

Department of Health

Ontario, Canada

FOR THE YEAR
1940

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 14, 1941

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1941

To The Honourable Albert Matthews, LL.D.,
Lieutenant-Governor of the Province of Ontario.

May It Please Your Honour:

I herewith beg to present for your consideration the Sixteenth Annual Report of the Department of Health, for the year 1940.

Respectfully submitted,

Harold J. Kirby,
Minister of Health.

To The Honourable Harold J. Kirby, K.C.,
Minister of Health.

Sir,—I have the honour to submit for your approval the Sixteenth Annual Report of the Department of Health, made in conformity with and under the provisions of The Public Health Act, for the year 1940.

I have the honour to be, Sir,

Your obedient servant,

B. T. McGhie,
Deputy Minister of Health.

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Chief Medical Officer of Health
JOHN T. PHAIR, M.B., D.P.H.

Solicitor to Department

K. G. Gray, M.D., K.C., on Active Service
F. T. Egener, (acting)

Division of Medical Statistics

A. H. Sellers, M.D., D.P.H.	Director

Division of Sanitary Engineering

A. E. Berry, M.A.Sc., C.E., Ph.D.	Director
A. V. Delaporte, B.A.Sc., Chem. E., F.C.I.C.	Chemist in Charge of Experimental Station
O. V. Ball, B.A.Sc.	Assistant Sanitary Engineer
G. A. Burn, B.A.Sc.	Assistant Sanitary Engineer
E. W. Johnston, B.A.Sc.	Assistant Sanitary Engineer
A. T. Byram, B.A.Sc.	Assistant Sanitary Engineer

Division of Venereal Disease Control

A. L. McKay, B.A., M.B., D.P.H.	Director
W. H. Avery, M.D.	Consultant

Division of Epidemiology

H. A. Ansley, M.B., D.P.H.	Epidemiologist
R. P. Hardman, M.D., D.P.H.	Associate Epidemiologist

Division of Tuberculosis Prevention

G. C. Brink, M.B.	Director
K. M. Shorey, M.D.	Clinical Specialist
J. S. Hazen, M.B.	Clinical Specialist
C. A. Wicks, M.D.	Clinical Specialist
O. V. Dent, M.D.	Clinical Specialist
A. Forsberg, M.D.	North-Western Ontario Clinic, Fort William
G. G. Brearley, M.D.	Mid-Eastern Ontario Clinic, Belleville
D. McCallum, M.B.	Eastern Ontario Clinic, Ottawa
G. B. Lane, M.D.	Northern Ontario Clinic, Timmins
H. H. Washburn, M.D.	Mid-Northern Ontario Clinic, North Bay
F. D. Beauchamp	Accountant

Division of Child Hygiene and Public Health Nursing

John T. Phair, M.B., D.P.H.	Director
Edna L. Moore, Reg. N.	Chief Public Health Nurse

Division of Laboratories

Andrew L. MacNabb, B.V.Sc.	Director
A. R. Bonham, B.A.Sc., F.C.I.C.	Provincial Analyst
W. B. McClure, M.D., D.P.H.	Bacteriologist
W. M. Wilson, M.D.	Bacteriologist and Pathologist
S. F. Penny, M.D.	Pathologist
E. L. Barton, M.D.	Assistant Bacteriologist
J. W. Bell, M.B.	Assistant Bacteriologist
J. E. Fasken, B.A.Sc.	Assistant Analyst

Branch Laboratories:

A. J. Slack, Ph.C., M.D., D.P.H., Director	London
James Miller, M.D., F.R.C.S. (Edin.), Director	Kingston
A. D. McClure, B.A., Director	North Bay
A. E. Allin, M.D., D.P.H., Director	Fort William
N. F. W. Graham, B.A., M.B., Director	Sault Ste. Marie
C. B. Waite, M.D., Director	Peterborough
F. L. Letts, M.B., D.P.H., Director	Ottawa

Division of Industrial Hygiene

J. G. Cunningham, B.A., M.B., D.P.H.	Director
A. R. Riddell, B.A., M.B., D.P.H.	Clinical Specialist
F. M. R. Bulmer, M.B., B.Sc.M.	Special Research
H. E. Rothwell, B.A.Sc., F.C.I.C.	Chemist
C. M. Jephcott, M.A., Ph.D., F.C.I.C., A.I.C.	Assistant Chemist
L. B. Leppard, M.A., Ph.D.	Physicist
D. S. McKee, C.S.I. (C.)	Chief Sanitary Inspector
J. Richardson, Sanitary Inspector	North Bay
John Sime, A.R. San. I.	Fort William
R. B. McCauley, Sanitary Inspector	Sault Ste. Marie
Hugh McIntyre, A. R. San. I.	Kirkland Lake
A. S. O'Hara, M.R. San. I., C.S.I. (C.) on Active Service	Kenora
D. E. Moore (acting)	Kenora
S. Harris, C.S.I. (C.), Sanitary Inspector, on Active Service	Geraldton
G. H. Powell, C.S.I. (C.), (acting)	Geraldton
W. L. Smith, Sanitary Inspector, on Active Service	Toronto
J. S. Pye, Sanitary Inspector (acting)	Toronto

Division of Dental Services

F. A. Kohli, D.D.S., on Active Service	Director
H. J. Hodgins, D.D.S. (acting)	

Division of Nurse Registration

A. M. Munn, Reg. N.	Director
E. R. Dick, Reg. N.	Inspector of Training Schools for Nurses

Health Education

Mary Power, B.A.	

Honorary Consultants

Public Health Administration	
Pediatrics	Alan Brown, B.A., M.B.
Obstetrics	
Dental Services	Harold Keith Box, D.D.S.
Pathology	James Miller, M.D., F.R.C.S. (Edin.)
Public Health Nursing	Miss Elizabeth Smellie, C.B.E., Reg. N.

ANNUAL REPORT

of the

Department of Health

For the Calendar Year Ending December 31st, 1940

PUBLIC HEALTH ADMINISTRATION

J. T. Phair, M.B., D.P.H., *Chief Medical Officer of Health.*

With the continued increase in the health obligations of the community, there has been an associated increase in the administrative responsibilities of the Medical Officer of Health. The day has gone when the Health Department staff consisted of a man with a tack hammer and an arm full of coloured cards, and a physician employed part-time, whose chief responsibility was to explain to the public the health significance of the various physical phenomena which seasonably presented. This type of official health concern has gradually given way to a programme which includes not only communicable disease control, in all its aspects, but a sustained interest in such matters as maternal, infant and child hygiene, school health supervision, mental and oral health, health education and medical statistics; while the adoption of such practical measures as are necessary to ensure a safe food supply, sanitary living and working conditions, and acceptable places in which to play have been added to the previously defined responsibilities of the local health authorities. To-day, the personnel of the health department is composed of a group of individuals with special qualifications and experience. The regulations of the Department are designed to ensure uniformity in such qualifications. While these regulations were implemented in 1939, it was not until early in 1940 that arrangements were made with the School of Hygiene, University of Toronto, for the staging of the necessary courses of instruction.

The first course held was one for part-time health officers. The course was of five weeks duration and was designed to meet the requirements of health officers in municipalities, both urban and rural, in which the population was 4,000 or over. A second course was held in August and September. Eight physicians attended and all satisfactorily completed these courses. Every effort was made to ensure that the courses were both practical and informative and at the same time all aspects of a well planned community health programme were kept in their proper perspective. Lectures, discussion periods, demonstrations and field experience were happily combined. The fact that on both occasions the physicians attending formally expressed their approval of the Department's effort has been construed as justifying the setting up of what has appeared to some to be not only arbitrary but unnecessary standards.

Provision was made to meet the requirements of the regulations in the matter of those health officers appointed to smaller municipalities; the three days preceding the annual conference of medical officers of health being devoted to this purpose. Those aspects of a community health programme which were of special interest to them were emphasized. Forty-seven physicians attended this course.

The interest of the Department in securing for the health officer a background of administrative experience is not limited to supplying academic instruction only. An opportunity to see an effective but unextravagant community health service actually functioning is an essential requisite to any course of training. The Department, therefore, has subscribed whole-heartedly to the plan agreed upon by the School of Hygiene, University of Toronto, and the Township of East York, whereby funds should be jointly provided which would be sufficient to ensure a health programme designed to meet the needs of an urban community of 35,000-40,000 people. The personnel of this health staff has been carefully selected. Dr. W. Mosley, formerly of the Department staff, is medical officer, and Miss E. Wheler, also formerly with the Department, is director of public health nursing services. The Department was particularly impressed with the interest shown by the members of East York Council in this proposal.

While the union of municipalities for public health purposes is not new, and has long been advocated as the logical solution of the problems of ensuring more effective public health supervision in rural and small urban municipalities, no such health unit had been formally set up in Ontario prior to April 1, 1940. On this date the United Counties of Stormont, Dundas and Glengarry established a health service designed to meet the needs of that area. The staff consists of Dr. M. G. Thomson, as Medical Director; four part-time physicians, Doctors Milligan, MacDonald, Hamilton and Clayton; three full-time Sanitary Officers; eight Public Health Nurses, under the direction of Miss M. V. Lowry, and a clerk-statistician. While the unit has been functioning for only some nine months, popular approval of this forward-looking project is evident throughout the area being served. The Department shares in the operating costs of the unit to the extent of fifty per cent.

While numerous enquiries have reached the Department as to the possible extension of such a programme through the Province generally, there is as yet no provision for the establishment of a unit in any other combination of interested communities.

During the year the following Medical Officers of Health joined either the Army or the Air Force Medical Corps: Dr. C. G. Bell, Lion's Head; Dr. P. Poisson, Tecumseh; Dr. F. Adams, Windsor; Dr. R. R. Burnett, Durham; Dr. J. B. Aiken, Fisherville; Dr. W. R. Crowe, Minden; Dr. C. C. Misener, Crediton; Dr. W. A. McKibbon, Wingham; Dr. G. L. Bell, Sioux Lookout; Dr. R. P. Dougall, Petrolia; Dr. R. L. Norris, Wyoming; Dr. H. G. Burleigh, Bath; Dr. J. B. Willoughby, Napanee; Dr. J. P. McManus, Tamworth; Dr. F. A. Strain, Gore Bay; Dr. S. English, Simcoe; Dr. W. P. Marshall, Colborne; Dr. T. B. Feick, New Hamburg; Dr. G. A. Montemurro, Streetsville; Dr. R. B. Gillrie, Mitchell; Dr. J. G. Kirk, Listowel; Dr. Wm. Aberhart, Mitchell; Dr. G. M. Fraser, Peterborough; Dr. O. VanLuven, Consecon; Dr. G. Allison, Picton; Dr. C. W. McCormack, Renfrew; Dr. R. W. Male, Tottenham; Dr. J. Feller, Warren; Dr. G. E. McCartney, Fort William; Dr. L. V. Shier, Lindsay; Dr. K. B. Waller, Rockwood; Dr. L. M. Stuart, Guelph; Dr. C. V. Mulligan, Forest Hill Village; Dr. W. L. Carruthers, Mt. Albert; Dr. H. R. Adams, Long Branch; Dr. C. D. Kilpatrick, Blyth; Dr. J. D. Colquhoun, Seaforth.

The following retired from the office of Medical Officer of Health: Dr. J. A. McAsh, Tara; Dr. P. J. Scott, Southampton; Dr. C. Morrow, Metcalfe; Dr. J. A. R. Biron, Cochrane; Dr. D. F. Webster, West Lorne; Dr. J. W. Brien, Essex; Dr. N. S. Freeman, Battersea; Dr. J. G. Burrows, Tweed; Dr. R. C. Redmond, Wingham; Dr. H. O. Singer, Markdale; Dr. F. F. Carr-Harris, Apsley; Dr. A. T. Shannette, Everett; Dr. G. McDonald, Little Current; Dr. E. Blanchard, Cannington; Dr. R. Lanoue, Belle River; Dr. D. A. Coon, Elgin; Dr. H. O. Boyd, Bobcaygeon; Dr. W. E. George, Galt; Dr. J. A. Rannie, Chesley; Dr. P. McG. Brown, Camlachie; Dr. A. Galloway, Woodbridge; Dr. F. T. Green, Stoney Creek; Dr. R. A. Burns, Inglewood.

It is with regret that we report the death of the following former Medical Officers of Health: Dr. T. D. Rutherford, Burford; Dr. A. B. Hyndman, Carp; Dr. Robert Johnston, Tamworth; Dr. G. S. Sadler, Combermere; Dr. H. R. Hay, Wiarton; Dr. E. W. McNeice, Aylmer; Dr. R. D. Dewar, Melbourne; Dr. J. F. Rigg, Niagara-on-the-Lake; Dr. J. B. Stallwood, Beamsville; Dr. G. W. O. Dowsley, Beaverton; Dr. D. C. McKenzie, Fort Frances; Dr. N. W. Rogers, Barrie; Dr. D. McKay, Collingwood; Dr. James Roberts, Hamilton; Dr. G. W. Hall, Little Britain; Dr. C. E. McLean, East York Township; Dr. J. G. McKee, Elk Lake; Dr. C. H. Carruthers, Florence.

REPORT OF THE SOLICITOR

K. G. GRAY, K.C., M.D., *Solicitor to the Department.*

F. T. EGENER, *Acting.*

The Solicitor assisted with the defence in certain actions in the Supreme Court brought against Officials of the Department.

One application for *habeas corpus* was brought during the year on behalf of a patient in an Ontario Hospital.

The Solicitor acted in enforcing contracts for goods sold to the Department.

The Solicitor acted as secretary for the Cancer Commission under the terms of *The Cancer Remedy Act, 1938.*

In a number of estates the Solicitor acted to protect the Department's position as a creditor.

The *Statute Law Amendment Act* as passed by the Legislative Assembly in the 1940 Session, affected statutes administered by this Department, as follows:

Chap. 22:—Amending *The Public Health Act.*

Chap. 23:—Amending *The Public Hospitals Act.*

Chap. 28:—Amending:—
  The Cancer Remedy Act.
  The Cemetery Act.
  The Maternity Boarding-Houses Act.
  The Mental Hospitals Act.
  The Private Hospitals Act.
  The Sanatoria for Consumptives Act.
  The Venereal Diseases Prevention Act.

The following regulations and amendments to regulations were approved by the Lieutenant-Governor in Council on the recommendation of the Minister of Health. Regulations under the following Acts:

A. *The Athletic Commission Act*, September 18th, 1940.

B. *The Cemetery Act*, May 10th, 1940.

C. *The Pharmacy Act*, June 11th, and September 18th, 1940.

D. *The Public Health Act* (Bedding regulations), September 18th, 1940.

E. *The Public Health Act* (Health Unit—Stormont, Dundas and Glengarry), January 23rd, 1940.

F. *The Public Health Act* (Pasteurization of milk in specified areas), November 1st, 1940.

G. *The Public Health Act* (Qualifications for M. O. H., etc.), September 18th, 1940.

H. *The Public Hospitals Act*, August 19th, 1940.

I. *The Public Hospitals Act*, October 24th, 1940.

J. *The Venereal Diseases Prevention Act*, January 3rd, 1940.

K. *The Public Health Act* (Regulations for Summer Camps), June 11th, and July 26th, 1940.

A. Copy of an Order-in-Council approved by The Honourable the Administrator of the Government of the Province of Ontario, dated the 2nd day of October, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the regulations hereto attached made by the Ontario Athletic Commission at a meeting of the Commission held on the 18th day of September, 1940, be approved.

Certified,

C. F. BULMER,
Clerk, Executive Council.

REGULATIONS FOR THE CONDUCT OF CONTESTS AND EXHIBITIONS OF BOXING AND WRESTLING

PART I. Interpretation.
PART II. The Commission.
PART III. Regulations Applicable to Amateur Boxing and Wrestling.
PART IV. Regulations Applicable to Professional Boxing and Wrestling.
PART V. Regulations Applicable to Professional Boxing.
PART VI. Regulations Applicable to Professional Wrestling.

PART I. INTERPRETATION

DEFINITIONS

1.—(1) In these Regulations:

(a) "Amateur" shall mean amateur according to the requirements of the Amateur Athletic Union of Canada;

(b) "Appearance forfeit" shall mean the amount of money which, under the terms of a contract of any boxer or wrestler to appear in any contest or exhibition, he undertakes to pay to his opponent upon his failure to so appear;

(c) "Catch weights" as used in relation to any contract shall indicate the absence from such contract of any requirements regarding the weight of the contestants;

(d) "Commission" shall mean Ontario Athletic Commission;

(e) "Committee" shall mean Boxing and Wrestling Committee;

(f) "Contest or Exhibition" shall mean professional boxing or wrestling contest or exhibition;

(g) "Contestant" shall mean a boxer or wrestler taking part in any contest or exhibition;

(h) "License" shall mean a license issued by the Commission;

(i) "Official" shall include referee, judge, master of ceremonies and chief timer;

(j) "Permit" shall mean a permit issued by the Commission;

(k) "Person" shall include club, corporation and association; and

(l) "Weight forfeit" shall mean the amount of money which, under the terms of a contract of any boxer or wrestler to appear in any contest or exhibition, he undertakes to pay to his opponent upon his failure to comply with the weight requirements contained in such contract.

(2) A person who cannot qualify as an amateur shall be deemed to be a professional.

APPLICATION OF REGULATIONS

2.—Every boxing or wrestling contest or exhibition shall be conducted in accordance with these regulations, and these regulations shall apply to boxing and wrestling contests and exhibitions, and such other contests and exhibitions as the context may indicate.

PART II. THE COMMISSION

BOXING AND WRESTLING COMMITTEE

3.—(1) There shall be a Boxing and Wrestling Committee of the Commission, which shall consist of three members of the Commission designated by the Commission.

(2) Wherever any power is conferred or duly imposed upon the Commission by these regulations in regard to boxing and wrestling, it may be exercised or performed by the Boxing and Wrestling Committee.

(3) Two members of the Boxing and Wrestling Committee shall constitute a quorum.

RESPONSIBILITY FOR OFFICIALS

4.—The Commission shall not be responsible for the payment of any official, whether appointed by the Commission or not, nor for any other financial or other obligations or responsibilities incurred in connection with or arising out of any contest or exhibition.

PAPERS FILED WITH COMMISSION

5.—All contracts, agreements, documents and papers filed or lodged with the Commission shall thereupon become the property of the Commission.

ENTRY TO CONTESTS AND EXHIBITIONS

6.—Every member of the Commission, the secretary of the Commission, and every duly appointed representative of the Commission, shall have free entry to every contest or exhibition of boxing, wrestling or other sport or game over which the Commission has jurisdiction, and may take charge of the box office or any other department of such contest or exhibition.

FIXING PRICE OF ADMISSION

7.—The Commission may fix the price of admission for any contest or exhibition.

INTEREST OF MEMBERS IN CONTESTS

8.—No member or official of the Commission shall have a personal financial interest, either directly or indirectly in any contest or exhibition.

GENERAL POWERS

9.—(1) The Commission shall have power to make or give such orders, rulings and directions as it deems proper regarding any matter relating to the holding of any contest or exhibition, including the impounding of forfeits, the exclusion of persons from the hall or building where the contest or exhibition is held, and generally any order, ruling or direction as is reasonably necessary for the proper carrying out of these regulations.

(2) Any member, official or representative of the Commission may direct that any purse or other remuneration of a professional boxer or wrestler shall be impounded and paid to the Commission, or may levy a fine or other pecuniary penalty against any person who is the holder, or is by the regulations required to be the holder, of any other class of license issued under the Act, where such boxer, wrestler or other person has violated any provision of the Act or these regulations.

(3) Any permit or license issued under these regulations may be suspended or cancelled by the Commission, where the Commission deems that such suspension or cancellation is in the interests of organized sport.

PART III. REGULATIONS APPLICABLE TO AMATEUR BOXING AND WRESTLING

PERMITS

10.—(1) No person shall hold or take part in any contest or exhibition of amateur boxing or wrestling unless a permit therefor has first been obtained from the Commission.

(2) The fee for a permit issued under this regulation shall be $5.00, provided that

(a) In the case of a contest at which an Ontario or Canadian championship is at stake, the fee shall be such larger amount as the Commission may determine, and

(b) In the case of any other contest or exhibition where special circumstances so warrant, the Commission may reduce the fee to $1.00.

REFEREES

11.—(1) No person shall act, or be permitted to act, as a referee at any contest or exhibition of amateur boxing or wrestling, unless he has been approved by the Commission or its representative.

(2) No person shall act, or be permitted to act, as a referee at any contest of amateur boxing or wrestling at which an Ontario or Canadian championship is at stake, unless he is the holder of a referee's license issued under Part III.

MEDICAL EXAMINATION

12.—No person shall take part in a contest or exhibition of amateur boxing or wrestling unless he has been examined and passed by a physician approved by the Commission, or its representative, upon the day of or the day preceding the contest or exhibition.

STOPPING CONTESTS

13.—Any member, official or representative of the Commission may direct that any contest or exhibition of amateur boxing or wrestling be stopped when in his opinion such action is necessary or desirable in the interests of organized sport, and failure to comply with any such direction shall be deemed a violation of these regulations by all persons holding, officiating at and taking part in the contest or exhibition.

RULES OF UNION TO APPLY

14.—Except where inconsistent with the provisions of this Part, the rules of the Amateur Athletic Union of Canada from time to time in force applicable to boxing and wrestling shall apply to contests and exhibitions of amateur boxing and wrestling in Ontario.

PART IV. REGULATIONS APPLICABLE TO PROFESSIONAL BOXING AND WRESTLING

CLASSES OF LICENSES AND PERMITS

15.—(1) The Commission may issue the following classes of licenses and permits, and the fee indicated opposite each class of license or permit shall be payable in respect of every such license or permit:

(a)	Boxing License	$500.00
(b)	Wrestling License	500.00
(c)	Boxing Permit	5.00
(d)	Wrestling Permit	5.00
(e)	Referee's License	25.00
(f)	Boxer's License	5.00
(g)	Wrestler's License	5.00
(h)	Manager's License	5.00
(i)	Second's License	2.00

(2) Where the purse, fee or remuneration of any boxer or wrestler is one hundred dollars or more, in respect of any contest or exhibition, he shall pay to the Commission an additional license fee equal to one percentum of such purse, fee or remuneration, and his manager shall also pay to the Commission an additional license fee equal to one percentum of such purse, fee or remuneration.

(3) Every license shall expire on the 31st day of October next following the issue thereof, provided that where a license is issued in October the Commission may provide that it shall continue in force until the 31st day of October of the year next following.

APPLICATIONS FOR LICENSES

16.—(1) Every application for a license or permit shall be in writing, and shall be signed by or on behalf of the person, corporation or association applying therefor.

(2) Every applicant shall furnish to the Commission all information regarding the applicant that may be required by the Commission.

REQUIREMENT FOR LICENSES OR PERMITS

17.—No person shall conduct, or participate in conducting or holding a contest or exhibition unless he is the holder of a license or permit issued therefor, and no person holding a contest or exhibition shall permit any person to participate, or take part therein as a referee, boxer, wrestler, manager or second unless such person is the holder of a license of the appropriate class.

BOXING AND WRESTLING LICENSES

18.—(1) A boxing license or wrestling license may be issued for the holding of boxing or wrestling contests or exhibitions in a city having a population of not less than 200,000 persons.

(2) The holder of a boxing or wrestling license shall deposit with the Commission cash or negotiable securities satisfactory to the Commission in an amount fixed by the Commission.

(3) The Commission may use such cash and securities for:

(a) The payment of purses or other remuneration owing to boxers or wrestlers by the licensee,

(b) The payment of any moneys owing to the Commission by the licensee or by any other person in respect of any contest or exhibition held by the licensee, and

(c) The payment of any official acting at any contest or exhibition held by the licensee.

(4) If more than one boxing license or wrestling license is issued for any city, the dates upon which contests or exhibition shall be held shall be subject to the approval of the Commission.

(5) Where holders of boxing licenses or wrestling licenses are alternating in the holding of contests or exhibitions in any city for which more than one boxing or wrestling license has been issued, every such licensee shall, except where the Commission rules otherwise, file with the Commission the contracts of the principals taking part in any proposed contest or exhibition at least seven clear days before the date upon which it is proposed to hold such contest or exhibition.

BOXING AND WRESTLING PERMITS

19.—(1) A boxing permit or wrestling permit may be issued for the holding of a contest or exhibition in a municipality having a population of less than 200,000 persons.

(2) An application for a boxing permit or wrestling permit shall be delivered by prepaid mail or other means to the Commission at its offices at least seven days before the date of the proposed contest or exhibition, and shall indicate the date and place of the contest or exhibition, and the names of the principals taking part in the main bout or feature match.

(3) Every applicant for or holder of a boxing or wrestling permit shall at least seven days before the date of the contest or exhibition for which such permit is applied for or issued, deposit with the Commission cash or negotiable securities in an amount not less than the amount of:

(a) The total purses offered at the contest or exhibition,

(b) The total amount payable to officials appointed by the Commission for the contest or exhibition; and

(c) An amount which in the opinion of the Commission will be ample to cover the charges payable to the Commission in respect of the contest or exhibition.

(4) If the holder of a permit fails to discharge the obligations referred to in Clauses (a), (b) or (c) of Sub-Regulation 3 within ten days of the holding of the contest or exhibition, the Commission may use the cash or securities for the payment of such obligations.

DEPOSIT OF FURTHER SECURITY

20.—In addition to the amount of cash or negotiable securities which the holder of a boxing or wrestling license or permit may be required to deposit under Regulations 6 and 7, the Commission may require any such holder to deposit such further amount of cash or securities as it deems expedient to ensure the payment of boxers or wrestlers paid on a percentage basis, or for such other purposes as it deems proper.

OTHER LICENSES

21.—(1) It shall be a condition of every referee's license that the holder thereof shall comply with the provisions of these regulations. and with the directions and rulings given or made by the Commission, and shall conduct himself generally in a manner calculated to be in the best interests of boxing and wrestling, and failure to do so shall render such license subject to cancellation by the Commission.

(2) It shall be a condition of every boxer's license, wrestler's license, manager's license and second's license that the holder thereof shall comply with the requirements of these regulations, and with the directions and rulings given or made by the Commission or any official, and shall conduct himself generally in a manner calculated to be in the best interests of boxing and wrestling, and failure to do so shall render such license subject to cancellation by the Commission.

SUSPENSIONS

22.—If a license is suspended for an indefinite period, such suspension shall continue for a period of not less than one month.

SUBSTITUTES

23.—If for any reason a boxer or wrestler is unable to compete according to the terms of his contract, his original opponent shall box or wrestle with a substitute upon such terms as the Commission shall deem suitable, and the terms of the original contract shall be amended accordingly, and shall otherwise remain unchanged and in full force and effect.

ENTRY IN OTHER CONTESTS

24.—Any boxer or wrestler who shall enter into a contest or exhibition held prior to one in which he has already contracted to box or wrestle, shall be liable to have his contract rescinded by the other party to the contract without any compensation, if in the opinion of the Commission the boxer or wrestler has by his conduct in entering into such prior contest or exhibition lessened his value or efficiency for the contracted performance.

FAILURE OF OPPONENT TO APPEAR

25.—A boxer or wrestler under contract who appears ready to enter the ring, whose opponent or substitute approved by the Commission is not present, shall be entitled to the amount payable to him under the terms of the contract unless an appearance forfeit has been deposited by his opponent, in which case the amount of the appearance forfeit shall be paid to such boxer or wrestler.

CANCELLATION OF CONTEST

26.—(1) Any boxer or wrestler whose contract has been rescinded, or whose contest or exhibition has been cancelled through no fault of his own after he has signed a contract, shall be entitled to reasonable training expenses from the promoter.

(2) In the event of any dispute as to the amount payable to such boxer or wrestler in respect of training expenses, the Commission shall determine the amount, and such determination shall be final and binding upon the parties.

SUBMISSION OF CONTRACTS

27.—(1) Signed contracts of the principals for the main bout or match at any contest or exhibition shall be submitted to the Commission at least seven days before the date set for the contest or exhibition, and in the case of other bouts or matches the contracts shall be submitted at least three days before the contest or exhibition.

(2) No boxer or wrestler shall be paid his purse or any part thereof until the completion of his bout or match.

MANAGERS' CONTRACTS

28.—(1) Contracts between boxers and wrestlers and their managers shall be filed with the Commission, and non-compliance with this provision shall disentitle any boxer, wrestler or manager to any standing or recognition by the Commission or any holder of a boxing or wrestling license or permit, or by any other boxer, wrestler or manager.

(2) Such contracts upon the forms prescribed by the Commission shall be filed before any matter in dispute arises.

(3) No such contract shall have force or effect until approved by the Commission, and the Commission may cancel any manager's contract as far as its operation in Ontario is concerned.

(4) In the event of a manager being suspended or having his license cancelled, any boxers or wrestlers under contract with him may transact their own business until such time as the suspension is lifted, and no such manager shall be entitled to any moneys from a boxer or wrestler in respect of bouts or matches engaged in by such boxer or wrestler in Ontario during the period of the suspension, or after the cancellation of the contract.

FORM OF CONTRACT

29.—All contracts and agreements contemplated by these regulations shall be in writing executed under the hands of the parties thereto, and shall be in a form prescribed or approved by the Commission.

ADVERTISING OF BOUTS AND MATCHES

30.—No contest or exhibition shall be advertised until the signed contracts of the principals for the main bout or match have been submitted to and approved of by the Commission.

POSTPONEMENT

31.—In the event of a postponement from day to day, promoters shall present the bouts or matches advertised for the original date, or such substitutions therefor as shall meet with the approval of the Commission.

INTRODUCTION OF PERSON

32.—No person may be introduced from the ring without permission of the Commission

WEIGHTS

33.—(1) Every boxer and wrestler under contract to take part in a contest or exhibition shall present himself for weighing at the place designated by the Commission at two o'clock in the afternoon on the day of such contest or exhibition, unless notified otherwise by the Commission, whether the contract provides for catch weights or for definite weight.

(2) If after the weighing has been completed the contest or exhibition is postponed for more than twenty-four hours, the provisions of Sub-Section 1 shall be again complied with on the day upon which the postponed contest or exhibition is held.

OVERWEIGHT

34.—In case of the overweight of any boxer or wrestler, he shall be allowed an hour in which to bring himself within the required weight.

FAILURE TO MAKE WEIGHT

35.—(1) If a boxer or wrestler shall fail to come within the weight stipulated in his contract, his opponent shall nevertheless proceed with the contest or exhibition, unless in the opinion of the Commission or its representative the difference in weight is too great to permit a fair and proper contest, and the Commission may impound or make such ruling as it deems proper regarding the weight forfeit.

(2) If both contestants fail to comply with the weight requirements, the Commission may impound the weight forfeits of both contestants, or any part thereof, and may require such contest to proceed notwithstanding such forfeiture.

CONTRACT WEIGHTS

36.—The contracts of boxers or wrestlers matched to meet each other shall call for the same weight for each of the contestants, unless they are contracted at catch weights or are heavyweights.

MEDICAL EXAMINATION

37.—(1) Every boxer or wrestler shall be medically examined by a physician appointed or approved by the Commission.

(2) The examination shall be made at the time and place set for the contest or exhibition, or at such other time or place as the Commission may determine.

(3) If after the examination has been completed the contest or exhibition is postponed for more than twenty-four hours, the boxers or wrestlers shall be re-examined.

(4) The examining physician shall not allow any boxer or wrestler who is not mentally or physically sound, or who is under the influence of drugs or liquor, to enter a contest or exhibition.

38.—(1) If a boxer or wrestler, because of illness or injury, is unable to appear, he shall immediately notify the person holding the contest or exhibition, and shall, if required by the Commission, submit to a medical examination by a physician designated by the Commission, and upon failure to so submit, or to furnish evidence of his condition satisfactory to the Commission, he shall be liable to have his license suspended or cancelled by the Commission.

(2) Upon suspension or cancellation of a boxer's or wrestler's license under Sub-Regulation 1, or upon the physician designated by the Commission failing to find any illness or injury which in his opinion warrants the boxer or wrestler refusing to compete, the appearance forfeit of the boxer or wrestler shall be paid to the opponent, unless a substitute is provided, in which case it shall be impounded by and paid to the Commission.

(3) In the event of the appearance and weight forfeits being lumped as one sum, the appearance forfeit shall be deemed to be two-thirds of the total amount, and the weight forfeit shall be deemed to be one-third.

39.—(1) The physician conducting the examination shall be in attendance at the contest or exhibition in which the boxers are participating.

(2) He shall not enter the ring until the termination of the bout unless called upon by the referee.

(3) The fees and expenses of the physician shall be paid by the person holding the contest or exhibition.

FAILURE TO APPEAR

40.—If a boxer or wrestler:
(a) Fails to present himself for his bout;
(b) Fails to pass the medical examination; or
(c) In the opinion of a member or representative of the Commission is not in proper physical or mental condition for the bout,

he shall not be entitled to any purse or other remuneration in respect of the bout, and if he is replaced by a substitute, his appearance forfeit shall be impounded by and paid to the Commission.

PART V. REGULATIONS APPLICABLE TO PROFESSIONAL BOXING.

BRITISH RULES

41.—Where not inconsistent with these regulations, the Rules of the British Boxing Board of Review shall apply.

RING FLOOR

42.—(1) The ring shall be not less than twenty feet square, and the ring floor shall extend beyond the ropes not less than eighteen inches.

(2) The floor shall be padded with felt or other soft material to a thickness of not less than an inch, and such padding shall extend one foot beyond the ropes, and shall be covered with canvas, duck or other similar material tightly stretched and laced to ring platform.

HEIGHT OF RING

43.—The ring shall be not more than four feet above the surrounding floor, and shall be provided with suitable steps for the use of the contestants and officials.

POSTS

44.—The ring posts shall be not less than eighteen inches from the ropes, and shall be made of metal not more than three inches in diameter extending from the floor upon which the ring is built to fifty-eight inches above the ring platform, and shall be wrapped in soft material.

ROPES

45.—(1) The ropes shall be three in number, and each shall be not less than one inch in diameter.

(2) The lower rope shall be eighteen inches above the floor, the second thirty-five inches above the floor, and the third rope fifty-two inches from the floor.

(3) Ropes shall be wrapped in soft material.

GONG

46.—(1) There shall be a gong, which shall be of sufficient volume that it may be distinctly heard by the contestants and officials.

(2) The gong shall be securely attached to the ring, or to some other adjacent object.

(3) The timer shall strike the gong with a metal hammer, or some other suitable device, to indicate the beginning and end of rounds.

OBSTRUCTIONS

47.—The ring platform, including that portion outside the ropes, shall be cleared of all obstructions, including buckets, stools and other equipment, as soon as the gong indicates the beginning of a round, and shall be kept clear until the gong indicates the end of the round.

GLOVES

48.—(1) Gloves shall be new for all main bouts.

(2) They shall weigh not less than five ounces each for classes up to and including lightweight, and six ounces for classes heavier than lightweight, and shall be knotted at the back of the wrist.

BANDAGES

49.—(1) Each contestant may have not more than six feet of soft cloth bandage, not exceeding two inches in width, on each hand, which may be held in place by not more than two feet of surgeon's adhesive tape not exceeding one inch in width, provided that in the case of light-heavyweights and heavyweights three feet of surgeon's adhesive tape may be used.

(2) In addition, not more than six inches of surgeon's adhesive tape not exceeding one inch in width, may be applied to the back of each hand before the application of the bandage.

(3) In no case shall the surgeon's adhesive tape be applied across the knuckles.

DOWNS

50.—(1) A boxer shall be deemed to be down when:

(a) Any part of his body other than his feet is on the ring floor;
(b) He is hanging over the ropes in a helpless manner;
(c) He is rising from a down position.

(2) A boxer hanging over the ropes in a helpless manner shall not be considered down until the referee so indicates, and he shall thereupon start the count.

(3) If a contestant goes down through accident or weakness, he shall rise immediately, but if he is sent down by a blow he may remain down until the count of nine.

(4) A boxer shall be considered "knocked out" when he is unable to rise unaided before the completion of the count of ten, or who, though on his feet, is in such a condition that the referee deems it advisable to stop the bout, and does so.

FOULS

51.—The following shall be deemed to be major fouls:

(a) Hitting below the belt;
(b) Hitting an opponent who is down, or rising from a down;
(c) Butting with the head or shoulder;
(d) Kicking, tripping, hacking or gouging;
(e) Striking on or over the kidneys, or on the back of the neck;
(f) Striking a pivot blow, or half-pivot blow;
(g) Failure to obey the referee; and
(h) Any physical action, other than fair boxing, which may injure an opponent.

52.—The following shall be deemed to be minor fouls:

(a) Holding or maintaining a clinch,
(b) Hitting while only one arm is free,
(c) Hitting or scraping with the inside of the glove, wrist or elbow;
(d) Hitting or flicking with the open glove, and
(e) Purposely going down without being hit.

IMPOUNDING OF PURSE IN EVENT OF FOUL

53.—In the event of a foul, intentional or otherwise, which prevents an opponent from continuing, the Commission or its representative may impound the entire purse of the offender for disposal by the Commission.

LENGTH OF BOUT

54.—No boxing bout shall exceed ten rounds of three minutes each without the special permission of the Commission, and there shall be an interval of one minute between each round.

CONTESTANTS

55.—(1) Every contestant shall:

(a) Be the holder of a license issued by the Commission;

(b) Present himself at the hall, building or other place where a contest or exhibition is to be held at least two hours before the time scheduled for the commencement of any bout in which he is participating;

(c) Equip himself with trunks, shoes and a protection cup.

(2) Every contestant shall, by obtaining a license from the Commission, submit to the jurisdiction of the Commission, and undertake to abide by and comply with its rulings, orders and directions.

(3) A contestant who is participating in any contest or exhibition shall be entitled to a maximum of three free admission tickets for such contest or exhibition.

COSTUMES

56.—(1) Every boxer shall wear:

(a) Trunks, other than tights, extending from a point not above the naval to a point not higher than half way between the knees and the crotch;

(b) Shoes of a soft material, which shall not be equipped with hard soles, heels, cleats or spikes;

(c) A protection cup, which shall be securely adjusted before entering the ring.

(2) Trunks shall be neat and clean, and the trunks of the contestants in a bout shall be of contrasting colours.

(3) No boxer, manager, second or ring attendant shall wear any clothing bearing any advertisement or wording other than the name of the boxer or club.

SECONDS

57.—(1) Each boxer may have not more than two seconds, both of whom shall be approved by the Commission, and no other person shall be in his corner at any time during the bout, unless the special approval of the Commission has been obtained.

(2) Each second shall wear a clean white jersey, sweater or shirt.

(3) Seconds shall remain seated and silent during each round, and shall not coach, aid, assist or advise a boxer, either by word or action, or otherwise, during the progress of a round, nor shall any second indicate, or endeavour to indicate, the surrender of a boxer by throwing a towel into the ring, or by any other means.

(4) They shall not enter the ring until the sound of the gong has indicated the end of a round.

(5) They shall leave the ring upon the sound of the chief timekeeper's whistle, and shall leave the ring platform before the commencement of the round, taking with them all buckets, stools and other articles used by them.

(6) Upon the failure of any second to comply with the provisions of this regulation, the referee may order his removal from the ring, or from the hall or building where the bout is being held, and direct that he shall cease to act as a second during the bout then in progress, and may disqualify the boxer for whom such second is acting.

(7) The chief second shall be responsible for the conduct of the assistant second.

HOLDERS OF BOXING LICENSES AND PERMITS

58.—(1) Every person holding a boxing license or permit shall be responsible for the collection and payment to the Commission of:

(a) The Commission's percentage of the gross receipts of any contest or exhibition held by him;

(b) The license fee of any boxer, wrestler, referee or second taking part in such contest or exhibition, which has not already been paid; and

(c) Any forfeiture impounded or fine levied at any such contest or exhibition.

(2) He shall cause a return in the prescribed form, duly completed, and accompanied by the amount of the Commission's percentage, license fees, forfeitures and fines, to be sent to the Commission at its office at Toronto, by registered mail, not later than the day following the contest or exhibition.

(3) He shall be responsible for:

(a) The payment of all boxers, wrestlers, officials and help taking part or assisting in any contest held by him, whether or not such officials are appointed by the Commission;

(b) The payment of the rent of any hall or other building engaged for the holding of any such contest or exhibition;

(c) The payment or discharge of all financial and other obligations incurred in connection with or arising out of any such contest or exhibition;

(d) Furnishing gloves, buckets, stools and all equipment necessary for the proper conduct of every such contest or exhibition;

(e) Providing proper facilities for making announcements, so that they will be audible or visible to all persons in attendance at the contest or exhibition;

(f) Providing a separate room at the place where any such contest or exhibition is held. to which only referees, judges and members or representatives of the Commission shall have access;

(g) Causing every such contest or exhibition to be commenced at the time advertised, and to be proceeded with without unnecessary delays;

(h) Causing every such contest or exhibition to be properly conducted in an orderly manner, and causing any such contest to be discontinued, either temporarily or entirely as the occasion demands, if the spectators or other persons present conduct themselves in a rowdy or disorderly manner;

(i) Doing all such things as are necessary to furnish such contests or exhibitions with a clean and healthy environment; and

(j) Conducting every such contest or exhibition in compliance with the requirements of these regulations.

(4) A holder of a boxing license or permit shall not enter into a contract with any boxer to act as his manager.

OFFICIALS

59.—(1) At every contest or exhibition there shall be a referee, master of ceremonies, chief timer, and there may be two judges.

(2) The Commission may appoint any or all of the officials at a contest or exhibition, and may determine whether the winner of a contest or exhibition shall be determined by the referee alone, or by the referee and judges.

(3) The Commission may fix the fees or other remuneration of any official, and the holder of the boxing or wrestling license or permit who is holding the contest or exhibition shall be responsible for the payment thereof.

CHIEF TIMEKEEPER

60.—(1) The chief timekeeper shall be seated outside the ring at a point close to the gong.

(2) He shall be equipped with a stop-watch, a whistle and a metal hammer or other device suitable for striking the gong.

(3) Ten seconds before a round is scheduled to commence, he shall blow his whistle, which shall be a signal to the advisers and seconds to leave the ring, and to clear the corner of all buckets, stools and other objects, and at the expiration of ten seconds, providing the advisers and seconds have left the ring, and it is clear of buckets, stools and other objects, he shall indicate the commencement of the round by striking the gong.

(4) He shall indicate the completion of each round by striking the gong.

(5) If one of the boxers is knocked down, the chief timer shall rise, and upon the referee giving the count of one the chief timer shall indicate audibly and by waving one arm, the seconds as they elapse according to his stop-watch.

(6) In the event of a knock-out, the chief timekeeper shall advise the master of ceremonies as to the round and part of such round that had elapsed at the termination of the bout or contest.

(5) If a round terminates while a boxer is down and the count is being given, the chief timekeeper shall strike the gong indicating the termination of the round and of the count.

(8) If an assistant timekeeper is appointed, the chief timekeeper may, subject to the approval of the referee, delegate any of the powers or duties conferred or imposed by this regulation to him.

MASTER OF CEREMONIES

61.—The master of ceremonies shall:

(a) Ascertain whether all necessary equipment is available, and require the person responsible therefor to furnish any equipment which is not available;
(b) Take such steps as are necessary to have the contestants ready for the contest or exhibition in which they are to take part, at the prescribed time;
(c) Superintend the putting on of bandages and gloves, and examine the protection cup of each boxer;
(d) Introduce the contestants to the audience, announcing their names and weights, and the length and other particulars of the contest or exhibition;
(e) Announce the decisions of the judges or referee, as well as any other matters as the Commission or its representative may direct;
(f) Announce or otherwise indicate to the audience prior to the commencement of each round, the number of the next round; and
(g) Subject to the direction of the referee, be responsible for the proper enforcement of all regulations governing the conduct of the contest or exhibition at which he is acting as master of ceremonies.

JUDGES

62.—(1) In a contest or exhibition at which there are to be judges, there shall be two judges.

(2) The judges shall take up their positions on different sides of the ring, and no person shall be seated less than six feet from either of the judges.

(3) Each of the judges shall pay strict attention to every phase of the contest or exhibition, and shall determine the winner and loser of each round by a system of points.

(4) The winner of each round shall be awarded five points, and the loser shall be awarded the number of points to which, in the opinion of the judge, he is entitled, having regard to the following principles:

(a) Credit should be given for:
(i) Clean, forceful blows on any part of the opponent's head, or the front of his body above the belt, according to their damaging effect;
(ii) Aggressiveness and for forcing the fight with skilful attacks,
(iii) Cleverness in avoiding or blocking blows, or causing an opponent to fail to land a blow,
(iv) Ring generalship, consisting of the ability to take advantage of opportunities to cope with situations as they arise, to foresee and neutralize an opponent's method of attack, and to force an opponent to adopt a style at which he is not skilful, or which is to his disadvantage,
(v) Pursuit of the art of boxing as distinguished from mere fighting; and
(vi) Sportsmanlike action in the ring, including close adherence to the spirit and letter of these regulations, and the refraining from taking any unfair advantage of an opponent.
(b) Points should be deducted for:
(i) Persistently delaying the action of a contest or exhibition by clinching, holding or otherwise lacking in aggressiveness; and
(ii) The commission of a foul, whether or not committed intentionally, and although not of a sufficiently serious nature to warrant disqualification.

(5) The judges shall cause their point scores to be sent to the Commission.

(6) The judges shall assist the referee to determine whether a foul has been committed, when he so requests, and may bring any matter to the attention of the referee at the end of a round.

REFEREE

63.—(1) The chief official of a contest or exhibition shall be the referee, who shall have general supervision over the bouts, provided that it shall not be necessary to have the same referee for all bouts held at any contest or exhibition.

(2) The referee shall take up his position in or near the ring.

(3) Before starting a bout he shall:

(a) Ascertain the name of the chief seconds; and

(b) Call the contestants together in the centre of the ring, accompanied by their chief seconds if they so desire but by no other person, and issue final instructions, at the conclusion of which the contestants shall shake hands and retire to their corners.

(4) No person other than the referee and the contestants may enter the ring during a round, and the referee may disqualify any boxer if any person whom the referee has reason to believe it is in any way connected with such boxer, violates this regulation.

(5) The referee shall:

(a) Inspect the gloves, faces and bodies of the contestants in the ring, and shall take all reasonable precautions to prevent the use of grease or any other substance calculated to handicap or take unfair advantage of an opponent;

(b) Keep a point score in the same manner and according to the same general principles as is prescribed in the case of judges;

(c) Stop a bout if in his opinion the contestants are so unevenly matched that a fair contest is not afforded, and award the decision to the better boxer,

(d) Stop a bout if in his opinion one of the contestants is in such a condition that he considers it advisable, and award the decision to the opponent,

(e) Disqualify a contestant who has committed a major foul, if in the opinion of the referee the opponent is unable to continue, or to resume the bout after a reasonable time has elapsed because of the commission of such major foul, in which case he shall award the decision to the opponent,

(f) Decide the winner of a bout at which there are no judges, or at which the judges disagree, and

(g) Decide all questions arising during a bout which are not specifically covered by these rules.

(6) The referee shall not touch the contestants during the bout, unless they fail to separate upon his order to break.

(7) The referee may consult the judges as to whether a foul has been committed by the striking of a low blow.

(8) The referee shall warn a contestant who has committed a foul.

(9) The referee, or the secretary, or any member or representative of the Commission, may stop any bout in which he has reason to believe that:

(a) One of the contestants did not enter into his contract for the bout in good faith;

(b) One or both of the contestants are not honestly trying to win;

(c) One of the contestants has committed a major foul; or

(d) One of the contestants has committed any act which is detrimental to the best interests of boxing;

and in every such case the offending contestant or contestants shall not be entitled to any part of the moneys payable to him in respect of such bout, and all such moneys shall be forfeited to the Commission.

(10) Where a bout has been stopped pursuant to Sub-Regulation 9, the offending contestant may appeal in writing to the Commission within five days after the bout, in which case the Commission may dispose of the appeal by making such order, direction or ruling as it deems proper.

(11) Where a bout has been stopped pursuant to Sub-Regulation 9, the referee shall ascertain which of the contestants it was whose conduct was responsible for the bout being stopped, and shall, unless the conduct of both contestants was so responsible, award the decision to the other contestant.

THE COUNT

64.—(1) When a contestant is down, the opponent shall retire to a neutral corner, and when the opponent has so retired the referee shall count "one," and shall continue the count by calling "two," "three," "four," "five," "six," "seven," "eight," "nine," as the chief timekeeper indicates the seconds as they elapse, but upon reaching the count of "ten" he shall raise both hands, calling the word "out" instead of "ten," and shall declare the opponent to be the winner by a knockout.

(2) The referee shall cease counting if the contestant ceases to be down, or the sound of the gong indicates the end of the round.

(3) If a contestant ceases to be down, but again goes down intentionally or otherwise without being struck, the referee and chief timekeeper shall resume the count where it ceased, but if he goes down again after being struck another blow, a new count shall be started.

(4) If, while a contestant is down, the opponent leaves the neutral corner to which he has retired, the count shall be discontinued until he returns to it.

(5) If a contestant is knocked from or falls out of the ring, he may be assisted back into the ring, and the referee may allow him a reasonable time for recuperation after he returns to the ring.

(6) If a contestant is not present in the ring at the commencement of any round, the referee shall proceed to count as in the case of a down.

DETERMINING THE WINNER

65.—(1) At the conclusion of the bout each judge shall total the number of points awarded to each contestant, and shall write the name of the contestant having the greatest number of points on a slip of paper furnished for that purpose, and hand it to the master of ceremonies, provided that if both contestants have the same number of points he shall write the word "Draw" on the slip.

(2) If the judges are agreed upon a winner, their decision shall be final, and shall be announced by the master of ceremonies.

(3) If the judges name different winners, or if one judge names a winner and the other calls a draw, there shall be deemed to be a disagreement.

(4) In the event of a disagreement the master of ceremonies shall hand the slips of paper containing the decisions of the judges to the referee, and shall then announce the winner or a draw as determined by the referee.

(5) The judges shall cause their point scores to be sent to the Commission.

(6) The Commission may in the case of any bout direct that in the event of a disagreement of the judges the point scores of the judges and the referee for each of the contestants shall be added together, and that the contestant securing the greatest total number of points shall be awarded the decision.

CHAMPIONSHIPS

66.—(1) Challenges for championships shall be approved by the Commission before being forwarded to the Canadian Boxing Federation.

(2) The Commission may refuse its approval.

(3) A championship may be lost by default, forfeit or failure to comply with the weight requirements, but may not be won except in the ring.

PART VI. REGULATIONS APPLICABLE TO PROFESSIONAL WRESTLING

67.—The provisions of Part V of these regulations, including the provisions relating to the impounding of fines, disqualification of contestants, and all other matters, shall, except where inconsistent with the provisions of this Part, apply **mutatis mutandis** to professional wrestlers, and to wrestling contests and exhibitions, in the same manner and to the same extent as if they appeared in this Part.

68.—The rules of wrestling as approved by the National Wrestling Association shall apply to professional wrestling.

69.—Every professional wrestling bout shall be deemed to be an exhibition only.

70.—All rules and regulations governing boxing and wrestling at any time made by the Commission are hereby revoked.

B. Copy of an Order-in-Council, approved by The Honourable the Lieutenant-Governor, dated the 10th day of May, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that pursuant to the provisions of Part IV of *The Cemetery Act*, the rules and regulations, schedule of charges, and form of application for cremation, approved by Order-in-Council on the 28th day of May, 1938, be repealed, and the attached rules and regulations, schedule of charges, and form of application for cremation, be approved.

Certified,

C. F. BULMER,
Clerk, Executive Council.

Form C-10-38

APPLICATION FOR CREMATION.
With Statutory Declaration
and Coroner's Certificate.

THE TRUSTEES OF THE
TORONTO GENERAL BURYING GROUNDS

THE TORONTO CREMATORIUM

200 WINCHESTER STREET. TORONTO.

Telephone MIdway 7911

I,..
(Name of Applicant)

Address ....

Occupation...

Apply to THE TORONTO CREMATORIUM

to undertake the cremation of the remains of...
(Name of Deceased)

Address..

Occupation..................................Age..........................Sex..................................
(Whether married, widow, widower or unmarried)

Place of Birth..Where Died?.......................................

I authorize the following disposal of the cremated remains...

....

....

....

If instructions for such disposal are not given within sixty days from the date of cremation, or if within that period it is not possible to carry out the instructions which have been given, the cremated remains will be buried in Toronto Necropolis.

I do solemnly declare that the true answers to the questions set out below are as follows:

1. Are you an executor of the deceased?	
2. If not, state	
(*a*) Did the deceased leave a will?	(*a*)
(*b*) Your relationship to the deceased.	(*b*)
(*c*) Are you the nearest surviving relative of the deceased?	(*c*)
(*d*) The reason why the application is made by you and not by an executor or any nearer relative.	(*d*)

3. Did the deceased leave any written directions as to the mode of disposal of his remains? If so, what?

---

4. Have the near relatives of the deceased been informed of the proposed cremation?

(The term "near relative" as here used includes widow or widower, parents, children above the age of 16, and other relatives usually residing with the deceased.)

---

5. Has any near relative of the deceased expressed any objection to the proposed cremation? If so, on what grounds?

---

6. What was the date and hour of the death of the deceased?

---

7. What was the place where deceased died? (Give address and say whether own residence, lodgings, hotel, hospital, nursing home, &c.)

---

8. Give the name and address of the ordinary medical attendant of the deceased.

And I make this solemn declaration, conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of The Canada Evidence Act.

Declared before me at the..........................of
....
this................day of..............................19........ ....
....
A Commissioner, etc.

Date and hour of Cremation Service..

Funeral Director..

Address..

Cremation Charge $...................... Columbarium Niche $........... Urn $...............................

Burial Fee $................................ Extra Work $......................... Total $.............................

NOTE:—Caskets or Containers must be of Wood or other Combustible Material, as the body is always cremated in the casket or container as received at the Crematorium.

CORONER'S CERTIFICATE

I certify that I have today viewed the body of..

....

....

and from the history given by:

....

....

....

I am satisfied that the cause of death was:

....

and that no circumstances exist which could render necessary any further examination of the remains or of any part of the body or any analysis of any matter or substance connected therewith or contained therein.

Dated at..this..day

of the month of..19.........

....

Coroner

....

Municipality

Section 52, Chapter 351, Revised Statutes of Onatrio 1937

No body shall be cremated unless and until a certificate in the prescribed form, signed by a duly qualified coroner of the municipality in which the death took place has been deposited with the owner, which certificate shall contain the statement that the cause of death has been definitely ascertained and that there exists no reason for further inquiry or examination.

THE TRUSTEES OF THE TORONTO GENERAL BURYING GROUNDS THE TORONTO CREMATORIUM

SCHEDULE OF CHARGES

For a Cremation including the use of the Chapel, Cremation and the placing of the cremated remains in a sealed temporary container:	
Adult	$ 40.00
Child	25.00
For Statutory Declaration required when remains are shipped abroad	3.00
Metal container for cremated remains when shipped abroad	1.50
Packing, postage and extra work when shipping remains	3.50
Lease of Niche in the Columbarium in the Toronto Crematorium for a period of 25 years:	
Standard	100.00
Special	225.00
For a second and subsequent rental periods the charges are 1/3 of the above.	
Lettering on the face of Niche in the Columbarium in the Toronto Crematorium: Per Letter	.25
For a Niche in the Columbarium in Mount Pleasant Mausoleum:	
Standard	160.00
Special	340.00
Lettering on the face of Niche in the Columbarium in Mount Pleasant Mausoleum: Per Letter	.30
Re-opening and sealing Niche for second or subsequent inurnment	7.00
For a tomb and marker in the Toronto Necropolis, including entombment	30.00
Lettering on marker. Per Letter	.35
Interment of cremated remains in private ground or lot or for the second or subsequent interment	6.00

THE TRUSTEES OF THE TORONTO GENERAL BURYING GROUNDS

THE TORONTO CREMATORIUM

Rules and Regulations

Open for Inspection by Appointment

Necessary Forms and Reservation

1. Before cremation can take place, the approved form "Application for Cremation" with Statutory Declaration and Coroner's Certificate, properly filled out, together with burial permit must be delivered to the Crematorium Office, 200 Winchester Street, Toronto.

Caskets or Containers

2. No body will be received for cremation unless enclosed in a casket or container of combustible material, at least equal in weight to ⅞" pine.

Disposal of Cremated Remains

3. Cremated remains will be placed in a sealed temporary container, which will be furnished without additional charge by the Trustees, and such container may be left at the Crematorium for a period of 60 days after cremation. If at the expiry of such period instructions satisfactory to the Trustees for the disposal of such cremated remains have not been given, the same will be buried in the Toronto Necropolis.

Charges

4. No cremation shall take place until the charges are paid.

Included in Cremation Fee

5. The fee for cremation includes use of Chapel, cremation, supplying of container, and delivery of cremated remains at Crematorium.

Shipping Cremated Remains Out of Town

6. When cremated remains are to be sent out of town, an extra charge will be made for packing, postage and extra work involved.

Fee for Statutory Declaration

7. When shipping cremated remains abroad, a Statutory Declaration is necessary, for which a fee is charged.

No Cremations on Sunday, Good Friday or Christmas Day

8. No cremation will take place on Sunday, Good Friday or Christmas Day except when the Local Board of Health orders that the body shall be cremated forthwith.

Disposal of Floral Tributes

9. Floral tributes will not be received in the Crematorium building, but provision will be made for their display on the adjoining grounds. After the third day, they will be destroyed.

Children not Admitted

10. Children under the age of twelve years shall not be admitted to the Crematorium Chapel, except in charge of an adult, who shall be responsible for their conduct.

General Rules

11. All the General Rules and Regulations of the Trustees of the Toronto General Burying Grounds shall apply to the Crematorium as far as the nature of the case permits.

COLUMBARIUM AND GARDEN OF REST

Special provision has been made for the care of cremated remains: full particulars can be obtained on application to the Secretary, Supervisor or Superintendent at the Crematorium.

Niches for Rent

1. Niches may be rented in the Columbarium adjoining the Crematorium Chapel.

Permanent Inurnment

2. Niches for permanent inurnment may be purchased in the Columbarium in Mount Pleasant Mausoleum.

Interment of Cremated Remains

3. The charge for the interment of cremated remains in private graves or in the Garden of Rest shall be the same as those from time to time fixed for opening infants' graves.

Lettering on Niches and Markers

4. Lettering on the face of the niches and markers must be approved by the Trustees, and will be done by the Trustees at prices to be fixed from time to time.

Urns

5. All urns shall be properly sealed. Unless they are to be interred, the design and material of and the inscription on urns must be approved by the Trustees.

Scattering of Remains

6. The scattering of cremated remains in the cemeteries of the Trustees will not be permitted.

Underground Entombment

7. Individual private tombs with marker may be purchased in the Garden of Rest at the Toronto Necropolis.

C. Copy of an Order-in-Council approved by The Honourable, the Lieutenant-Governor, dated the 11th day of June, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that pursuant to Section 31 of *The Pharmacy Act*, a resolution of the Council of the Ontario College of Pharmacy respecting Oil of Wintergreen, true and synthetic (Methyl Salicylate), passed on Thursday, June the 6th, 1940, and reading as follows, be approved:

> "That it be declared that Oil of Wintergreen, true and synthetic (Methyl Salicylate) ought to be deemed a poison within the meaning of *The Pharmacy Act*, R.S.O. 1937, Chapter 228."

The Committee further advise that Oil of Wintergreen, true and synthetic (Methyl Salicylate) be added to Part I of Schedule C of *The Pharmacy Act*.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

Copy of an Order-in-Council, approved by The Honourable, the Lieutenant-Governor, dated the 18th day of September, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that pursuant to Section 31 of *The Pharmacy Act*, Oil of Wintergreen, true and synthetic (Methyl Salicylate), be struck off Part I Schedule C of *The Pharmacy Act* and added to Part II of the said Schedule.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

D. Copy of an Order-in-Council approved by the Honourable, the Lieutenant-Governor, dated the 18th day of September, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the bedding regulations made pursuant to clause (zd) of Section 5 of *The Public Health Act*, R.S.O. 1937, Chapter 299, and approved by Your Honour on the 28th day of December, 1938, be amended as follows:

1. Section 1 is amended by adding thereto the following subsection:

(*ff*) "Renovated" as applied to any "bolster," "cushion," "feather bed," "pillow," "comforter," "mattress," or "upholstered furniture," shall mean any "bolster," "cushion," "feather bed," "pillow," "comforter," "mattress," or "upholstered furniture," remade, repaired or renovated not for sale but for return to the owner for his own use.

2. Subsection (2) of Section 4 is amended by adding thereto the following paragraph:

(*c*) Where a "mattress," "bolster," "feather bed," or article of upholstered furniture has been renovated, paragraphs (a) and (b) shall not apply, but it shall be labelled "renovated" on a green label, and the label shall give the name and address of the owner and of the renovator.

3. Subsection (3) of Section 4 is repealed and the following substituted therefor:

The designations "contains new material only," "contains converted material," "contains second hand material" and "renovated," shall be printed on labels in black letters at least ¼" in height and other lettering shall be ⅛" in height and no trade name or other printing shall appear on the label.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

E. Copy of an Order-in-Council approved by The Honourable, the Lieutenant-Governor, dated the 23rd day of January, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the attached regulations for health units pursuant to section 35 of *The Public Health Act*, applicable only to the United Counties of Stormont, Dundas and Glengarry, be approved.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

Regulations for Health Units.

(Pursuant to section 35 of *The Public Health Act*, applicable only to the United Counties of Stormont, Dundas and Glengarry.)

1. There shall be a corporation by the name of "The Board of Health for the United Counties of Stormont, Dundas and Glengarry," hereinafter referred to as the Board.

2. The Board shall consist of the following members:—
   (a) the medical officer of health for the Health Unit of the Counties;
   (b) one member to be appointed by the Lieutenant-Governor in Council;
   (c) three members, one of whom shall be the warden for the Counties, to be appointed by the council of the Counties.

3. (1) The three members appointed by the Council of the Counties shall hold office for the calendar year in which they are appointed or until their successors are appointed.

(2) The member appointed by the Lieutenant-Governor in Council shall hold office at the pleasure of the Lieutenant-Governor in Council.

4. The Council of the Counties shall have power to appoint some person to fill out the unexpired term of any member appointed by the council whose appointment becomes vacant.

5. A majority of the members of the Board shall constitute a quorum.

6. The Board shall elect one of the members to act as chairman.

7. There shall be a secretary of the Board who shall be the clerk of the Counties.

8. The members of the Board and the secretary shall be paid five dollars and necessary travelling expenses for every day or part of a day spent in attending a meeting of the Board.

9. The Board shall hold at least six meetings in each year at a time and place to be fixed by resolution of the Board.

10. Any member of the Board may call a special meeting at any time by giving notice in writing to the secretary and to the remaining members.

11. The Board shall exercise within the Counties the same powers and perform the same duties as a local board of health appointed under *The Public Health Act*.

12. The Council of the United Counties of Stormont, Dundas and Glengarry shall appoint a duly qualified medical practitioner, who shall hold a diploma of public health from a University approved by the Department. to be medical officer of health for the Health Unit for the United Counties of Stormont, Dundas and Glengarry, and his appointment shall be subject to the approval of the Minister.

13. The salary of the medical officer of health shall be $4,000 per year.

14. (1) The medical officer of health shall hold office until he has reached the age of 70 years or resigns or is dismissed as hereinafter provided.
    (2) The medical officer of health shall not be dismissed from office except with the approval of two-thirds of the members of the Council of the United Counties of Stormont, Dundas and Glengarry and the consent of the Minister.
    (3) Where the Minister is satisfied that the medical officer of health is incompetent or neglectful of his duties, the Minister may dismiss the medical officer by notice in writing.

15. Section 42 of *The Public Health Act* shall apply in the event of a vacancy, temporary absence or illness of the medical officer of health.

16. The medical officer of health in the Health Unit for the United Counties of Stormont, Dundas and Glengarry shall within the said Counties exercise the same powers and perform the same duties as a medical officer of health appointed under *The Public Health Act*.

17. The Board shall appoint and fix the remuneration of such physicians, public health nurses, sanitary officers, and other personnel as may be deemed necessary by the Department and having such qualifications as the Department shall fix.

18. The treasurer of the United Counties of Stormont, Dundas and Glengarry, shall forthwith upon demand, pay the amount of any account for services performed under the direction of the board and materials and supplies furnished, or for any expenditure incurred by the board or by the medical officer of health or any other officer of the board in carrying out the provisions of this Act or the regulations, after the board has by resolution approved of the account and a copy of the resolution certified by the chairman and secretary has been filed in the office of the treasurer.

19. Out of any moneys appropriated by the Legislature for such purpose, the Department is authorized to pay to the said United Counties a grant equivalent to one-half the proved expenditures for the Health Unit for the said United Counties during the fiscal year ending March 31st, 1941.

F. Copy of an Order-in-Council approved by The Honourable, the Administrator of the Government of the Province of Ontario, dated the 1st day of November, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that section 95a of *The Public Health Act* as enacted by section 8 of *The Public Health Amendment Act, 1938*, be made applicable to the municipalities and areas designated in the attached schedule.

The Committee further advise that this Order-in-Council shall come into force on December 2nd, 1940.

Certified,

C. F. Bulmer.

Clerk, Executive Council.

1. In the County of Brant:—That part of the Township of Dumfries South, bounded on the west by the line between Lots 12 and 13 and on the north by the line between Concessions 3 and 4 (including the Police Village of St. George).
2. In the District of Manitoulin:—That part of the Township of Carnavon, bounded on the east by the twenty-fifth side line, on the west by the fifteenth side line, on the north by the 3rd Concession, and on the south by the 6th Concession.

   That part of the Township of Assiginack included in the Manitowaning Townsite.
3. In the District of Parry Sound:—The Township of Himsworth North.
4. The Village of Newbury.

G. Copy of an Order-in-Council approved by The Honourable, the Lieutenant-Governor, dated the 18th day of September, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the regulations respecting courses of instruction and qualifications for medical officers of health, sanitary inspectors and public health nurses, made pursuant clause zc of section 5 of *The Public Health Act*, and approved by Your Honour on the 5th day of September, 1939, be amended as follows:

1. Clause 2 is amended by adding at the end thereof the words "or has had at least five years' experience as medical officer of health in a comparable municipality in the Province of Ontario" so that the said clause shall now read as follows:

> 2. No person shall be appointed as a full-time medical officer of health unless prior to his appointment he has secured a certificate or diploma issued by a Canadian University, following not less than one year's full-time post-graduate study of public health or a similar qualification issued by a university outside Canada and accepted as equivalent by a Canadian University, or has had at least five years' experience as medical officer of health in a comparable municipality in the Province of Ontario.

2. Clause 9 is repealed and the following substituted therefor:

> 9. (a) Registration under The Nurses' Registration Act.
>
> (b) A certificate from a university certifying that the nurse has satisfactorily completed a course of not less than one year in public health nursing.

3. Clause 10 is repealed.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

H. Copy of an Order-in-Council approved by The Honourable, the Lieutenant-Governor, dated the 19th day of August, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that pursuant to Section 4 of *The Public Hospitals Act, R.S.O., 1937*, Chapter 390, the following amendments to the Regulations be enacted:

Subsection (1) of Section 34 is amended by striking out the word "frenum" and substituting therefor the word "prepuce", so that the said subsection shall now read as follows:

> Any tissues or sections of tissues removed at operation or curettage shall be immediately set aside by the surgeon operating and shall be forwarded by the superintendent with a short history of the case and a statement of the findings at the operation to a laboratory approved by the Minister for examination, provided that any tooth, tonsil, prepuce, hemorrhoid, finger, toe, hand, foot, arm or leg removed or amputated shall not be so forwarded unless the surgeon desires a special examination.

Section 48 is amended by adding the following subsection:

(6) The superintendent shall within twenty-four hours after a stillbirth or neo-natal death occurring in the hospital, forward to the Minister a report of such stillbirth or neonatal death, on the prescribed form.

Section 56 is amended by adding the following subsection:

(4) For the purposes of any return to be submitted to the inspector of hospitals, and whether or not provincial aid is payable with respect to the patient, the number of patient days shall be ascertained by including the day of admission and excluding the day of discharge.

Section 57 is amended by adding the following subsection:

(2) Provincial aid payable to a Convalescent Hospital for treatment of every patient who at the time of admission was a resident of unorganized territory shall be at the rate of $1.65 per day.

Section 63 is repealed and the following substituted therefor:

No hospital for incurables shall admit as a patient any indigent person except upon two written certificates, each signed by a different legally qualified medical practitioner, according to the prescribed form.

The Committee further advise that the form attached hereto be approved as the prescribed form under Section 63.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

I. Copy of an Order-in-Council, approved by The Honourable, the Administrator of the Government of the Province of Ontario, dated the 24th day of October, A.D., 1940.

Upon the recommendation of the Honourable H. C. Nixon, Acting Minister of Health, the Committee of Council advise that regulation 60(b) of the regulations made pursuant to *The Public Hospitals Act, R.S.O., 1937*, chap. 390, by Order-in-Council dated the 30th day of November, 1938, and amendments thereto, be amended by striking out the word "institution" where it occurs the second time in the said regulation and substituting the words "general hospital," so that the regulation shall read as follows:

(b) "Convalescent hospital" shall mean any institution, building, or other premises or place for the treatment of convalescent patients which is under the management and control of, or is affiliated with any general hospital which is an approved hospital under section 3 of *The Public Hospitals Act, 1931*.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

J. Copy of an Order-in-Council approved by the Honourable the Lieutenant-Governor, dated the 3rd day of January, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that the Regulations respecting Venereal Diseases approved by Orders-in-Council dated June 10, 1918, April 16, 1920, and December 28, 1922, be amended as follows:

(1) That Form IV.V.D. be amended by deleting in the second sentence the words "until non-infective" and substituting therefor the words "until the degree of treatment secured is considered adequate by the attending physician and the department."

(2) That subsection 2 of regulation (c) of the said regulations be amended by deleting the sentence "He shall continue treatment until non-effective and in default of which he shall be reported to the medical officer ot health." and substituting therefor the following sentence: "He shall continue treatment until the degree of treatment secured is considered adequate by the attending physician and the department and in deafult of which he shall be reported to the medical officer of health."

Certified,

C. F. Bulmer,
Clerk, Executive Council.

K. Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 11th day of June, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that pursuant to section 5 (Ze) of *The Public Health Act, R.S.O., 1937, c. 299*, as amended by 1940, chap. 22, sec. 2, the attached regulations for summer camps be approved.

Certified,

C. F. Bulmer,
Clerk, Executive Council

Copy of an Order-in-Council, approved by the Honourable the Lieutenant-Governor, dated the 26th day of July, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that regulations 2 (c) and (d) of the regulations made the 11th day of June, 1940, pursuant to section 5 (Ze) of *The Public Health Act, R.S.O. 1937, c. 299* as amended by 1940, Chap. 22, sec. 2, be repealed and that the said repeal be made retroactive to the 11th day of June, 1940.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

REGULATIONS FOR SUMMER CAMPS (REVISED)

1. IN THESE REGULATIONS:—

(a) "Department" shall mean Department of Health.

(b) "Summer Camp" shall mean a camp or summer resort consisting of one or more tents, cabins, vehicles, buildings, or other structures together with the land appertaining thereto, established or maintained as living quarters, with or without charge, for ten or more persons for temporary occupancy of three or more days, but not including labor camps, construction camps, and other premises commonly known as highway tourist camps, or boarding houses and lodging houses for tourists.

(c) "Operator" shall mean every person who by himself or by his agents owns or operates a summer camp.

2. (a) No summer camp shall be opened, operated or accommodation offered until a license so to do has been obtained from the Department by the operator.

(b) Every license shall expire on the last day of the calendar year in which the license is issued, and must be renewed each year.

(c) The Department may suspend or revoke any license if the Department is satisfied that the summer camp for which the license was issued does not comply with any or all of the provisions of these regulations.

3. It shall be the duty of the operator to see that the requirements of these regulations are observed.

4. (a) Every summer camp shall be located on a site that is well drained, and not in an environment prejudicial to health.

(b) No person suffering from or known to be capable of transmitting a communicable disease shall be admitted to or employed in any summer camp.

(c) Every summer camp shall be under the continuous supervision of an attendant who shall exercise every reasonable effort to keep the camp in a clean, sanitary condition, and to afford reasonable protection to those using the camp.

(d) Every summer camp accommodating children under sixteen years of age shall be under the direct care and supervision of a responsible and competent adult.

(e) All tents, buildings and grounds of summer camps shall be maintained in a clean, sanitary condition at all times.

(f) Adequate medical care shall be provided at or conveniently available to all summer camps.

5. BUILDINGS:

(a) Adequate sleeping accommodation shall be provided for each occupant of the camp. The arrangement of sleeping places, the number of beds in relation to floor area and ventilation in tents and other buildings shall meet generally accepted standards.

(b) Ventilation in sleeping quarters, kitchens, dining rooms and other buildings shall be such as to provide a reasonable movement of air and to assure the comfort of the occupants.

(c) The doors and windows of kitchens, dining rooms and other buildings shall be adequately screened.

(d) All permanent buildings in which persons are housed shall provide ready exit in case of fire and shall be equipped with sufficient fire extinguishers or other fire fighting apparatus.

6. WATER SUPPLY:

(a) Every summer camp shall be provided with an adequate water supply for drinking and domestic purposes. Only water which is of safe, sanitary quality shall be delivered to the camp or be accessible to the occupants for drinking or domestic use.

(b) The water supply shall be readily available for camp use and shall be placarded as the camp water supply.

(c) Wells or springs used as sources of water supply shall be so constructed and located as to preclude their pollution by seepage, or drainage from any source.

(d) No common drinking cup shall be used. Sanitary drinking fountains or individual drinking cups may be used.

7. SANITARY FACILITIES:

(a) Every summer camp shall be provided with convenient and sufficient sanitary accommodation properly designated for each sex. Such facilities shall be located, constructed and maintained that they will not be offensive, become breeding places for flies or cause pollution of any adjacent waters.

(b) All toilet seats shall be thoroughly scrubbed daily with soap or alkali solutions. All privies and buildings containing sanitary accommodation shall be equipped with self-closing, tight-fitting doors. All windows, doors and other openings shall be screened against flies.

(c) Sewage, night-soil from privies, sink wastes, laundry water, bath water and other liquid wastes from the camp shall be disposed of in a sanitary manner. All deposited material shall be covered immediately with earth to a depth of at least nine inches, and shall not be deposited in any area likely to cause pollution of any water supply.

(d) Laundry operations shall not be carried on in natural waters adjacent to or within any summer camp.

8. MILK AND FOOD SUPPLIES:

(a) Only milk, cream or other milk products which have been pasteurized in a pasteurization plant to which a certificate of approval has been issued under the regulations on milk pasteurization plants shall be sold, offered for sale, delivered to or used in any summer camp.

(b) Adequate facilities shall be provided for storage, handling and protection of food and milk supplies. Cold storage shall be available for storing all perishable foods.

9. DISHWASHING:

Adequate facilities including a plentiful supply of hot water, shall be provided for washing all dishes and utensils used at the camp. Dishes and utensils shall be washed free from all grease and film, using soap or other washing compounds, and shall then be immersed for at least 2 minutes in warm water containing at least 100 parts per million of available chlorine.

10. REFUSE:

Covered, water-tight metal receptacles shall be provided in convenient locations for depositing refuse and camp litter. All such refuse shall be collected daily and burned. buried or removed so that no nuisance or offence is created.

11. BATHING FACILITIES:

No bathing at swimming pools or bathing beaches shall be permitted for children under 16 years of age unless under the supervision of a competent attendant trained in life saving procedure. Suitable life saving equipment shall be available. Where swimming pools are provided, they shall be operated in conformity with the regulations of the Province for such pools. Where bathing beaches or other bathing areas are in use the water shall be free from dangerous pollution.

12. LIGHTING:

All buildings and all sanitary accommodation in summer camps shall be adequately lighted.

13. PENALTIES:

Section 119, Subsection 2 of *The Public Health Act*, *R.S.O.*, *1939*, Chapter 299 is reproduced here for reference: "Any person who contravenes any other provision of this Act or of the regulations or of any municipal by-law passed under this Act, or wilfully disobeys or neglects to carry out any order or direction lawfully given by the Department, a local board, member of a local board, medical officer of health or sanitary inspector unless it is otherwise provided shall incur a penalty of not less than $5 nor more than $500."

DIVISION OF MEDICAL STATISTICS

A. HARDISTY SELLERS, B.A., M.B., D.P.H., *Director.*

C. ROGER MYERS, M.A., Ph.D., *Acting.*

On November 12th, 1940, Dr. A. Hardisty Sellers, Director of the Division of Medical Statistics since its establishment in 1936, was granted extended leave of absence for service with His Majesty's Forces (R.C.A.F.)

As in previous years, the regular work of the Division has included the collection, analysis and reporting of statistical information relating to various aspects of public health in Ontario. For convenience, the work of the Division may be classified in terms of statistical analysis relating to mental hospitals, public hospitals, cancer control and special problems.

1. MENTAL HOSPITALS STATISTICS

(*a*) *Monthly Surveys and Reports.*

Each Ontario Hospital submits to the Department of Health (Hospitals Division) monthly statements showing the movement of patient population, accidents, etc. These reports were used by the Division of Medical Statistics in compiling a monthly report which indicates the increase or decrease in patient population as compared with the previous year. Regular monthly surveys concerning bed occupancy, accidental injuries, etc., in each hospital together with periodic analyses of admissions, discharges and population trends were also compiled for the Hospitals Division.

(*b*) *Annual Report.*

Each Ontario Hospital also submits an annual report comprising 30 statistical tables dealing with the resident population, admissions, discharges and deaths. These reports together with supplementary information concerning nursing, dental, laboratory and other special services were used by the Division in preparing the seventy-second annual report of the Ontario Hospitals covering the fiscal year ending March, 1939. In addition to the usual statistical tables, the Division prepared a statistical review in which attention was called to certain significant trends in Ontario's mental hospital statistics.

(*c*) *Mental Health Clinics.*

The coding and tabulation of individual Mental Health Clinic records was continued during this year and the results of this analysis were incorporated in the annual report of the Hospitals Division. Arrangements have now been completed for each clinic to submit a uniform statistical report annually. It is expected that this will relieve the Division of a heavy load of routine clerical work.

(*d*) *Mental Hospital Index.*

The alphabetical index covering all males between the ages of 16-44 years who have been patients in mental hospitals or have been examined by Mental Health Clinics, which was commenced in November, 1939, was continued during 1940. This index now provides a complete record of all such persons which is readily available in the event of enquiry by National Defence authorities.

2. SURVEY OF PUBLIC GENERAL HOSPITALS

The Survey of Public General Hospitals in Ontario, which was commenced in 1936 involved a review of general and financial statistics on hospitalization in the Province and an analytical study of the records of 70,000 hospital patients. *Parts II and III* of this Survey were issued in 1939 and were devoted to a presentation of the important trends in hospitalization and a discussion of such aspects of the problem as distribution and use of facilities, adequacy of accommodation, hospital costs and governmental expenditures, etc.

During 1940, two additional volumes of the Survey were completed. These comprise the morbidity study and constitute the important feature of the Survey:

Part IV: "Special Morbidity Studies."

Part IV is devoted principally to an exploration of the fundamental facts in connection with hospital care of indigent patients. It is found that the crude average duration of care for municipal indigents is markedly higher than for either self-pay public ward or private and semi-private patients; that the observed excess for indigents exists in all major disease groups and also in individual disease entities; and that this excess for indigent patients is not due merely to a greater frequency of complicated cases. The possible significance of these findings is discussed at some length. Broader issues are also considered, including the problem of "long stay" patients, geographic variations in hospitalization, morbidity and economic status, etc.

Part V: "Hospital Morbidity and Its Causes."

Part V presents a review of the salient features concerning the causes of hospital morbidity. Data on the relationship between sex and age and the need for hospital care are presented. The excess in hospitalization among females over that among males, both in frequency and in volume of care, is found to be due essentially to diseases and conditions of pregnancy, childbearing and the puerperal state. Length of stay in hospital per case increases with age in both sexes.

The diseases and conditions responsible for hospitalization are reviewed in some detail. Among the chief causes leading to hospitalization, diseases of the digestive system rank first in terms of both the number of cases and the duration of care provided. Diseases classified under this heading accounted for one quarter of all cases studied and one-sixth of the total hospital days provided. Diseases of the tonsils and adenoids contributed 6,982 patients, or 11.5 per cent. of all discharges during the survey period. Appendicitis contributed 4,223 patients, or nearly 7 per cent. of all discharges for the period.

The importance of accidents and injuries as a cause of hospitalization is emphasized by the finding that they contributed 10 per cent. of both patients and days of hospital care. Fractures alone were responsible for 2,493 patients (4.1%) and 51,563 days of care in hospital (6.3%).

Of the twenty-three leading causes of hospitalization which are responsible for two-thirds of all patients and days of care, appendicitis, fractures and wounds, cancer, diseases of the heart and arteries, abortions and pneumonia are found to be of major importance in the order stated.

The significance of "chronic disease" as a factor in hospital morbidity is indicated by the finding that more than half of all days in hospital care are devoted to patients suffering from conditions classifiable under this heading.

Among indigent patients, this proportion rises to almost two-thirds of all days of care. Other features of the morbidity among pay and non-pay patients are also discussed.

While no claim is made that this analysis of public hospital morbidity is complete, an effort has been made to select those aspects of the subject which have an immediate bearing on the problems faced by hospital and public health authorities.

The work involved in the completion of this comprehensive survey has necessarily absorbed a large proportion of the time of the Division. With its completion there will be greater opportunity to offer statistical service to other Divisions in the Department.

3. Cancer Statistics

(*a*) *Cancer Clinics.*

Since its inception the Division of Medical Statistics has been responsible for the collection and analysis of statistical information in the field of cancer control. Through an arrangement with the seven Ontario Cancer Clinics, the follow-up record cards for all patients were forwarded to the Division. An analysis of all new cases examined by these clinics during 1940 was made. A report of this analysis is to be found on page 164 of this Report.

All deaths occurring among patients treated for cancer in the clinics were checked against the official death certificates and in this and other ways an effort has been made to assist the clinics in completing their follow-up record of patients. Visits were made during the year to each of the clinics for the purpose of reviewing the record system and assisting with difficulties in respect to statistical tabulation.

(*b*) *Cancer Morbidity.*

In view of the need for further information concerning the number of persons in a given district who are alive with cancer during a given period, a survey of all diagnosed cancer cases in the county of Middlesex was completed during 1940. This survey was made in collaboration with the Ontario Medical Association. In December, 1939, suitable forms were sent to physicians and hospitals in Middlesex County with a request for specific information concerning all cases of cancer (or probable cancer) which had been seen during that calendar year. Reports have now been received from nearly all sources of information and a beginning has been made on the analysis of the data thus made available.

(*c*) *Cancer in Ontario Public Hospitals.*

An analysis of all cases of cancer treated in Ontario Public Hospitals during the year 1937 is now in process of completion. The monthly returns submitted by the hospitals during that year provide information concerning a total of 9,597 cases (including 4,891 cases of cancer and 4,402 cases of benign tumours). In this study it is planned to examine the relation between site of cancer and age, sex, residence, first and re-admission, days stay in hospital, type of patient and mortality. The results of this survey will be available during 1941.

4. Special Problems.

(*a*) *Nurse Enrolment.*

During 1940, the Department of Health undertook a voluntary enrolment of all persons in the Province who were qualified and willing to provide any type of civilian nursing service in the event of a possible war-time emergency.

A total of 9,024 graduate nurses and 1,665 practical nurses completed the enrolment questionnaire which provided information concerning location, qualification, experience, availability, and preference for service. The organization and tabulation of this information was undertaken by this Division. In addition to the statistical analysis of this material, suitable alphabetical indices were established which make this information regarding potential nursing personnel readily available for any given municipality in the Province.

(*b*) *Maternal Mortality.*

The detailed study of the official records concerning all deaths due to or associated with pregnancy or childbirth in Ontario since 1934 has been delayed by pressure of other work but will be resumed during 1941.

(*c*) *Chief Causes of Death.*

Following the procedure established two years ago, the Division prepared and issued a bulletin concerning the chief causes of death in Ontario during 1939. This summary was sent to Medical Officers of Health in the larger municipalities throughout the Province. This data is appended to the present Report. (See below.)

(*d*) *Miscellaneous.*

So numerous and various were the specific requests for statistical information received by the Division during the year that no useful purpose would be served by their enumeration here. It should be emphasized, however, that a significant proportion of the work load carried by the Division takes the form of securing prompt and accurate replies to such enquiries. In addition to this, the preparation of diagrams, charts and maps for special purposes constitutes another type of useful statistical service. Such work is of recognized value to other Divisions in dealing with their administrative, research and educational problems.

THE CHIEF CAUSES OF DEATH IN ONTARIO DURING 1939

The following tables are based on the official records of the Registrar General's office and show in summarized form the chief causes of death in Ontario for the year 1939.

The crude death rate for 1939 was 10.00 per 1,000 population. This represents a very slight increase over the rate of 9.89 per 1,000 population reported for the previous year. Decreases in several categories were balanced by a considerable increase in the number of deaths attributed to influenza, leaving the crude death rate almost unchanged.

In Table I the twenty chief causes of death are listed. For each "cause" is shown the number of recorded deaths, the specific death rate per 100,000 population and the per cent. of all deaths due to the specified cause. Taken together, the twenty principal causes which are listed were responsible for 31,850 deaths, or 85 per cent. of the 37,530 deaths recorded during the year.

TABLE I.

CHIEF CAUSE OF DEATH—ALL AGES

ONTARIO—1939

Rank	CAUSE OF DEATH	Int'l List Numbers	Number of Deaths	Specific Death Rate*	Per Cent. of Total Deaths
1.	Diseases of the heart	90-95	7,705	205.4	20.5
2.	Cancer (all forms)	45-53	4,567	121.7	12.2
3.	Diseases of the arteries	96-99	4,447	118.5	11.8
4.	Accidental causes	176-195	2,322	61.9	6.2
5.	Pneumonia and bronchitis	106-109	2,259	60.2	6.0
6.	Nephritis	130-132	1,889	50.3	5.0
7.	Influenza	11	1,190	31.7	3.2
8.	Tuberculosis (all forms)	23-32	1,085	28.9	2.9
9.	Prematurity	159	939	25.0	2.5
10.	Idiopathic abnormalities of blood pressure	102	854	22.8	2.3
11.	Cerebral haemorrhage embolism and thrombosis	82	814	21.7	2.2
12.	Diabetes mellitus	59	657	17.5	1.8
13.	Congenital malformations	157	505	13.5	1.3
14.	Diseases of the prostate	137	500	13.3	1.3
15.	Diarrhoea, enteritis and dysentery	13, 119 & 120	417	11.1	1.1
16.	Senility	162	400	10.7	1.1
17.	Suicide	163-171	357	9.5	1.0
18.	Hernia, intestinal obstruction	122	356	9.5	0.9
19.	Appendicitis	121	318	8.5	0.8
20.	Ulcer of stomach and duodenum	117	309	8.2	0.8
	Total		31,890	8.50†	85.0
	All other causes		5,640	1.50†	15.0
	GRAND TOTAL		37,530	10.00†	100.0

*Rates per 100,000 population.

†Rates per 1,000 population.

Population of Ontario 1939 (estimated) 3,752,000.

Diseases of the heart, arteries and kidneys were recorded as the cause in 14,041 deaths, or 37.3 per cent. of all deaths. During the previous year, these causes contributed 36.2 per cent. of all deaths. However, in view of such factors as the older age structure of the population and improved definition in certification, the apparent increase in the proportion of deaths attributed to these causes must again be interpreted with caution. More than one-half of these deaths occurred at ages 70 years and over.

Cancer contributed 4,567 deaths or 12.2 per cent. of the total. The specific death rate of 121.7 per 100,000 population in 1939 compares with a rate of 119.9 per 100,000 population for the previous year but remained below the peak rate reached in 1937. One-third of all cancer deaths occurred at ages under 60 years.

Accidents continue to be a leading cause of death. In 1939, they replaced pneumonia as fourth in the list of chief causes of death (all ages). The relative importance of this cause of death is further indicated by the fact that it ranks *first* as a cause of death for ages from one to 19, and is exceeded only by diseases of the heart for ages from 20 to 49. The prominence of this cause of death at ages under 50 suggests that there is no disease to-day which constitutes as common a *preventable* cause of death as do scalds, burns, drowning, automobile and other accidents.

Respiratory disease mortality in 1939, as compared with the previous year, showed an increase in deaths due to influenza and a decrease in deaths due to pneumonia. In 1938, there were only 618 deaths attributed to influenza (16.6 per 100,000 population), while, in 1939, there were 1,190 such deaths (31.7 per 100,000 population). Deaths attributed to pneumonia, on the other hand, dropped from 2,583 in 1938 (69.2 per 100,000 population) to 2,259 in 1939 (60.2 per 100,000 population).

Tuberculosis mortality continues to decrease. In 1938, a new low for Ontario was reached with 1,237 deaths from tuberculosis or a rate of 33.1 per 100,000 population. In 1939, a further substantial decrease was recorded with only 1,085 such deaths or a rate of 28.9 per 100,000 population. It should be noted again, however, that more than one-half of the tuberculosis deaths occurred at ages 20 to 49 years and that nearly three-quarters of such deaths occurred at ages under 60 years.

Prematurity was recorded as the cause of 939 infant deaths during the year. The fact that nearly 30 per cent. of all deaths in the age group under 1 year are attributed to prematurity indicates the importance of further efforts to reduce the frequency of the etiological factors responsible for premature birth.

Diabetes was recorded as the cause of 657 deaths. Eighty-nine per cent. of these deaths occurred among persons over 50 years of age.

Diarrhoea, enteritis and dysentery were responsible for 417 deaths, two-thirds of which occurred among children under 2 years of age. The rate of 11.1 per 100,000 population for 1939 compares favourably with the rate of 14.6 per 100,000 population, for 1938.

Appendicitis, to which 318 deaths were attributed in 1939, showed a specific death rate of 8.5 per 100,000 population and reflected little change from the previous year. Over 70 per cent. of these deaths occurred at ages under 50 years while 32 per cent. occurred at ages under 20 years.

In Table II the chief causes of death are shown separately for various age groups. For each age group, the Table shows the eight most common causes of death; the number and per cent. of deaths in that age group due to each cause; the total number of deaths for each cause; and the per cent. of all deaths for each cause which occurred in the specified age group.

TABLE II

CHIEF CAUSES OF DEATH—CERTAIN AGE GROUPS
ONTARIO, 1939

CAUSE OF DEATH	Deaths in Age Group	Percent. of Deaths in Age Group Due to Specified Cause	Deaths Due to Specified Cause at All Ages	Percent. of Deaths Due to Specified Cause in Age Group
Age—Under 1 year	2,979	....	....	....
1. Prematurity	939	28.9	939	100.0
2. Congenital malformations	429	13.2	505	85.0
3. Pneumonia and bronchitis	342	10.5	2,259	15.1
4. Injury at birth	261	8.0	261	100.0
5. Diarrhoea, enteritis and dysentery	236	7.3	417	56.6
6. Dis. peculiar to early infancy*	214	6.6	214	100.0
7. Congenital debility	90	2.8	90	100.0
8. Influenza	70	2.2	1,190	5.9
Totals for 1-8	2,581	79.5	5.875	43.9
Ages—1-4 years	631	....	....	....
1. Accidental causes	133	21.1	2.320	5.7
2. Pneumonia and bronchitis	88	13.9	2,259	3.9
3. Influenza	45	7.1	1,190	3.8
4. Diarrhoea, enteritis and dysentery	41	6.5	417	9.8
5. Congenital malformations	30	4.8	505	5.9
6. Tuberculosis (all forms)	26	4.1	1,085	2.4
7. Scarlet fever	23	3.6	53	43.4
8. Appendicitis	19	3.0	318	6.0
Totals for 1-8	405	64.2	8,147	5.0
Ages—5-14 years	679	....	....	....
1. Accidental causes	197	29.0	2,320	8.5
2. Appendicitis	55	8.1	318	17.3
3. Pneumonia and bronchitis	46	6.8	2.259	2.0
4. Tuberculosis (all forms)	43	6.3	1,085	4.0
5. Acute rheumatic fever	32	4.7	134	23.9
6. Influenza	26	3.8	1,190	2.2
7. Diseases of the heart	23	3.4	7.705	0.3
8. Cancer (all forms)	19	2.8	4.567	0.4
Totals for 1-8	441	64.9	19,578	2.3
Ages—15-19 years	480	....	....	....
1. Accidental causes	120	25.0	2.320	5.2
2. Tuberculosis (all forms)	64	13.3	1,085	5.9
3. Appendicitis	28	5.8	318	8.8
4. Pneumonia and bronchitis	22	4.6	2,259	1.0
5. Puerperal state	20	4.2	276	7.2
6. Influenza	19	4.0	1,190	1.6
7. Diseases of the heart	18	3.7	7,705	0.2
8. Acute rheumatic fever	15	3.1	134	11.2
Totals for 1-8	306	63.7	15,287	2.0

*Under 3 months of age.

TABLE II—Continued

CHIEF CAUSES OF DEATH—CERTAIN AGE GROUPS
ONTARIO, 1940

CAUSE OF DEATH	Deaths in Age Group	Percent. of Deaths in Age Group Due to Specified Cause	Deaths Due to Specified Cause at All Ages	Percent. of Deaths Due to Specified Cause in Age Group
Ages—20-49 years	5,064	....	....	......
1. Diseases of the heart	704	13.9	7,705	9.1
2. Accidental causes	656	13.0	2,322	28.3
3. Cancer (all forms)	595	11.7	4,567	13.0
4. Tuberculosis (all forms)	550	10.9	1,085	50.7
5. Puerperal state	256	5.1	276	92.8
6. Pheumonia and bronchitis	205	4.0	2,259	9.1
7. Nephritis	196	3.9	1,889	10.4
8. Influenza	131	2.6	1,190	11.0
Totals for 1-8	3.293	65.0	21,293	15.5
Ages—50-59 years	4,410	....	...	......
1. Diseases of the heart	1,086	24.6	7,705	14.1
2. Cancer (all forms)	893	20.2	4,567	19.6
3. Diseases of the arteries	237	5.4	4,447	5.3
4. Nephritis	234	5.3	1,889	12.4
5. Accidental causes	228	5.2	2,320	9.8
6. Pneumonia and bronchitis	176	4.0	2,259	7.8
7. Tuberculosis (all forms)	173	3.9	1,085	15.9
8. Abnormalities of blood pressure	150	3.4	854	17.6
Totals for 1-8	3,177	72.0	25,126	12.6
Ages—60-69 years	6,872	.	...	...
1. Diseases of the heart	1,862	27.1	7,705	24.2
2. Cancer (all forms)	1,211	17.6	4,567	26.5
3. Diseases of the arteries	709	10.3	4,447	15.9
4. Nephritis	413	6.0	1,889	21.9
5. Pneumonia and bronchitis	331	4.8	2,259	14.7
6. Accidental causes	231	3.4	2,320	10.0
7. Abnormalities of blood pressure	228	3.3	854	26.7
8. Diabetes mellitus	207	3.0	657	31.5
Totals for 1-8	5,192	75.6	24,698	21.0
Ages—70 years and over	16,391	.....	......	....
1. Diseases of the heart	3,995	24.4	7,705	51.8
2. Diseases of the arteries	3,431	20.9	4,447	77.2
3. Cancer (all forms)	1,827	11.1	4,567	40.0
4. Pneumonia and bronchitis	1,048	6.4	2,259	46.4
5. Nephritis	1,003	6.1	1,889	53.1
6. Accidental causes	700	4.3	2,320	30.2
7. Influenza	636	3.9	1,190	53.4
8. Cerebral haem. emb. and thrombosis	492	3.0	814	60.4
Totals for 1-8	13,132	80.1	25,191	52.1

Infancy. Infant mortality showed a further decrease in 1939 to a new low for Ontario of 46.5 infant deaths per 1,000 live births. In 1938 this rate was 49.6 per 1,000 live births which represented a reduction of almost 10 per cent. below the level for the two preceding years. Leading causes of infant deaths remain the same—prematurity, congenital malformations and diseases peculiar to infancy contributing one-half of all deaths during the first year of life.

Pre-School Age. While accidental causes continue to contribute one-fifth of the deaths in this age group, pneumonia and bronchitis (which in 1938 also contributed one-fifth) showed a substantial decrease in this age group for 1939, contributing only 13.9 per cent. of the deaths.

School Age. Accidental causes, appendicitis, pneumonia and tuberculosis, in that order, are the leading causes of death at ages 5-14 years. The prominence of accidents as a cause of death at these ages is especially striking, nearly one-third of all deaths for this group being due to this type of cause.

Adolescence. Accidents and tuberculosis (all forms) are again found to be the leading causes of death in this age group 15-19 years. Tuberculosis, which in 1936 was the leading cause of death in this age group, has shown a gradual decrease and now contributes only 13 per cent. of adolescent deaths.

Ages 20-49 years. Diseases of the heart now take first rank as a cause of death at these ages. Nearly one-half of all deaths in this age group were caused by diseases of the heart, accidental causes, cancer or tuberculosis.

Ages 50 and over. Diseases of the heart, arteries and cancer were the chief causes of death at these ages. One-fourth of all deaths were attributed to diseases of the heart and in the age group 50-59 years, one-fifth of the deaths are attributed to cancer.

This review of the chief causes of death in Ontario during 1939 is designed merely to bring out certain of the more general features of mortality experience. Especially noteworthy among the developments during 1939 were:—

(a) A new low in the tuberculosis death rate—28.9 per 100,000 population.

(b) A new low in the infant mortality rate—46.5 per 1,000 live births.

THE LIBRARY OF THE DEPARTMENT OF HEALTH

FREDRITA HENLEY WRIGHT, *Librarian.*

During the year all public health libraries have experienced an unprecedented increase in the use of facilities, and the Department's library has been no exception. The headings "War Medicine" and "National Defence" are new additions to the subject catalogue and have been responsible for an increased demand for information during the year.

Literature on the health of the worker in industry, particularly those industries engaged in war effort, was in constant use, as was literature on research in gas warfare. War medicine, including aviation medicine, war neuroses, etc., communicable disease control, and the newer knowledge of nutrition as applied to military and civilian life, have been very much to the fore in the requests for information.

Bibliographies continue to represent an important part of the year's work. Many were prepared and sent upon request to staff members in the outside service.

ACCESSIONS

During 1940 the following accessions were made:

CENTRAL LIBRARY

Books purchases	86	
Journals	154	(vols.)
Reports	87	
Pamphlets	1,509	
Total	1,836	

Subscriptions to journals for the year numbered 106; while the library received 18 complimentary subscriptions; a total of 124.

ONTARIO HOSPITALS

Books purchased		
Medical	36	
Fiction		
New	....	
Library discards	685	
Journal subscriptions	104	
Year Books	9	
Periodicals		
New (subscriptions)	153	
Unsold copies	8,175	(approx.)
Newspapers (subscriptions)	147	
Total	9,310	

LOAN SERVICE

There were 5,397 loans made by the Central Library during 1940, an increase of 342 over the previous year when the loans reached a total of 5,055. Within the immediate Department, requests for loans were met to the number of 4,122. To the outside service the Central Library dispatched 1,275 references. The loan service from the Central Library is extended to: Physicians, Nurses, Occupational Therapists and Dietitians connected with hospital administration and to the Directors and staffs of the Mental Hygiene Clinics of the Department.

Loan service includes also the Directors and staffs of the Branch Laboratories.

CIRCULATION OF JOURNALS

The regular circulation of journals was maintained during the year. Journals were circulated to the Clinicians in charge of the Provincial Travelling Chest Clinics at North Bay, Belleville, Ottawa and Timmins and to the Tuberculosis Unit of the Ontario Hospital at Woodstock.

Journals containing articles dealing with metrazol in the treatment of schizophrenia were circulated, immediately upon receipt, to the seven (7) Ontario Hospitals doing special work on this disease.

The Branch Laboratories at North Bay, Fort William, Sault Ste. Marie, Peterboro and Ottawa also received a regular circulation service. Scientific and medical journals on cancer research also were forwarded regularly to the Ensol Laboratory at Kingston.

The nursing staff of the Eastern Ontario Health Unit received "Public Health Nursing" and "Parents" each month.

PATIENTS' LIBRARIES

The interest of the Central Library in procuring reading material for patients in the Ontario Hospitals was continued during 1940. In this endeavour the following literature was placed at the disposal of the patients.

Books: The Central Library purchased 685 library discards which were shipped to the Ontario Hospitals.

Periodicals: The Central Library placed 153 annual subscriptions to periodicals for the exclusive use of the patients. Arrangements with a Toronto news agency for the purchase of unsold periodicals, upon special terms, were also made. Under this plan approximately 8,176 copies were delivered to the patients' libraries.

Newspapers: The Central Library placed 147 subscriptions to different Provincial newspapers for the sole use of the patients. In addition, 3,050 unsold copies of papers were donated to the patients through the kindness of Toronto publishers who delivered them to the Central Library where they were apportioned and re-shipped to the hospitals.

ONTARIO HEALTH OFFICERS' ASSOCIATION

The Central Library again presented an exhibit at the Annual Convention of the Ontario Health Officers' Association. Books on different phases of public health work were selected from the shelves of the Central Library These were augmented by new books and new editions of texts and reference works loaned, for the period of the Convention, to the library by Toronto publishers. This co-operation was most generously given and added materially to the value of the display.

Public health pamphlets and other literature issued by the Department were also exhibited, thus enabling the members to make a note of the publications they may need at a future date.

The library exhibit is planned particulary to assist medical officers of health, public health nurses, sanitary inspectors, laboratory technicians and other public health workers in the selection of reading material pertaining to their particular spheres of interest.

The expression of opinion by those in attendance at the meeting, showed that the exhibit was of definite value.

DIVISION OF EPIDEMIOLOGY

H. A. Ansley, M.B., D.P.H., *Director.*

The Report of the activities of the Division is presented in the following sections:

Section 1. Annual Survey—1940.

(a) Communicable Disease Control (Legislation, Recording, and Reporting, Control of Outbreaks, Special Studies),

(b) Annual Incidence for each disease.

Section 2. Distribution of Literature.

Section 3. Local Health Administration.

Section 4. Distribution of Biological Products and Insulin.

Index to Tables: The following Statistical Tables appear throughout this Report:

Table		Years
I	Summary of Chief Outbreaks of Disease	1940
II	Reported Cases and Deaths	1936–1940
III	Geographical Distribution of Cases and Deaths	1940
IV	Monthly Incidence of Communicable Diseases	1940
V	Poliomyelitis Cases	1940
VI	Poliomyelitis Cases by month of onset	1940
VII	Poliomyelitis Deaths	1940
VIII	Cerebro-spinal Meningitis Cases	1929–1940
IX	Distribution of Literature	1940
X	Annual Distribution of Insulin	1939–1940
XI	Monthly Distribution of Insulin	1939–1940
XII	Annual Distribution of Insulin for Shock Therapy	1939–1940
XIII	Annual Distribution of Insulin by Area	1939–1940
XIV	Monthly Distribution of Biological Products	1939–1940
XV	Annual Distribution of Biological Products	1939–1940
XVI	Summary of Annual Distribution of Biological Products and Insulin	1939–1940
XVII	Comparative Statement of Cost	1938–1939–1940
XVIII	Annual Distribution of Tuberculin	1940
XIX	Annual Distribution of Tuberculin by Amount	1940
XX	Annual Distribution of Tuberculin by Cost	1940
XXI	Comparative Statement of Tuberculin Distribution	1938–1939–1940
XXII	Pertussis Vaccine Distribution	1939–1940
XXIII	Comparative Statement of Cost of Biological Products and Insulin	1926 to 1940

SECTION 1. ANNUAL SURVEY, 1940.

A. Communicable Disease Control.

Legislation. No changes during the year were made in the Regulations governing the control of communicable diseases, except that the breadwinner in contact with cases of cerebro-spinal meningitis must be quarantined for ten days.

Reporting and Recording of communicable diseases. The reporting of cases and deaths was somewhat improved in 1940, as more effort was expended in assistance to Secretaries of Local Boards of Health in the recording of disease incidence. This Division provides cards for the "weekly report" of communicable diseases, and added during the year a sample Local Recording Form for use in local municipalities. A visible-card system was installed in this Division in December, 1940, whereby monthly notice may be sent municipalities regarding any delinquency in reporting. Revision of various reporting forms was continued for both the 900 organized municipalities and the unorganized territories.

Laboratory Reports, from the Division of Laboratories and its Branches, continued to be one of the chief sources of information about the incidence of known or suspected cases, and from such reports case information is now routinely followed up by this Division in the following diseases:—Typhoid and Paratyphoid Fevers, Poliomyelitis, Cerebro-spinal Meningitis (meningococcic type), Undulant Fever, Diphtheria, Tularemia, Ophthalmia Neonatorum, Actinomycosis; and if in institutions, on diary farms or in local epidemics—Dysentery, Scarlet Fever and Septic Sore Throat.

The control of communicable diseases in unorganized areas within the Province is primarily the responsibility of the Provincial Department of Health. During 1940 the problems in the various areas were reviewed and the policy of the Department realigned in order to ensure adequate control measures and standard practice regarding isolation, quarantine, hospitalization, transportation and immunization procedures, on a basis acceptable to the Department.

Special Studies: During the year special epidemiological studies were undertaken as follows:

1. Ten-year survey of typhoid fever in Ontario.
2. Typhoid Carrier Survey in Ontario.
3. Annual Reviews for 1938 and 1939 of poliomyelitis in Ontario.
4. Recovery from Poliomyelitis—a follow-up study of the 1937 cases.
5. Meningitis Carrier survey in the Army.
6. Influenza Vaccine study.
7. Dysentery in Ontario Hospitals.
8. Field studies of Biological Products.
9. Scarlet Fever Immunization in Mental Hospitals.

Further references to the studies are made under the heading of the corresponding disease.

Diagnostic and Consultative Work. The staff of this Division continued to give aid throughout the year to various institutions such as Public General Hospitals and the Ontario Mental Hospitals, to Medical Officers of Health, and to Practising Physicians in the diagnosis of acute infectious diseases. A total of 73 field trips were made for such purpose by the staff in 1940. In addition, aid was given in scarlet fever immunization work at the Ontario Hospitals at New Toronto, Queen Street and Orillia, where all the staff and all the patients were Dick tested and all those found positive were immunized with scarlet fever toxin.

Control of Outbreaks of Disease. While the year 1940 showed a lessened incidence of all diseases except influenza and cerebro-spinal meningitis, still the prevention and control of outbreaks in both Organized and Unorganized areas of the Province continued to be one of the major concerns of this Division.

Except for cerebro-spinal meningitis and influenza, no outbreak of any disease attained widespread prevalence. The major outbreaks reported to the Department are shown in Table I.

TABLE I

SUMMARY OF CHIEF OUTBREAKS OF DISEASE—1940

DISEASE	Reported Outbreaks Number	Estimated Cases Number	Aid Given by Departmental Staff—No. of Outbreaks
Actinomycosis	1	1	1
Measles	13	150	10
Scarlet fever	12*	42	10
Whooping cough	3	54	....
Diphtheria	4	19	2
Typhoid	8	63	8
Paratyphoid	4	9	3
Dysentery	4*	81	4
Poliomyelitis	2	7	2
Psittacosis	2	4	2
Smallpox	1	6	1
Trichinosis	1	17	1

*4 outbreaks of each disease were in hospitals:—Meningitis (meningococcus) and Influenza cases showed general prevalence throughout the Province rather than local concentration.

Psittacosis (Parrot Fever) was proven in December for the first time to exist in the Province, though clinically suspicious but unconfirmed cases had previously occurred.

Trichiniasis was discovered as the cause of an outbreak of 17 or more cases. This was the second known outbreak in Ontario, the first having been in Windsor and Harrow in 1937.

As these diseases were only discovered to be present in the Province late in the year, the final methods to be used in their control remain to be evolved in 1941.

In the diagnostic and control work associated with local outbreaks, the staff of the Division made 163 field trips to 60 municiaplities, including 12 hospitals or institutions. This does not include the work in outbreak control contributed by the Departmental Medical Consultants, or that of the Provincial Sanitary Inspectors.

The staff of the Department was able to assist in communicable disease control in two General Hospitals, two Colleges and six Mental Institutions during the year.

The following Table (Table II) presents the incidence of the various diseases in 1940 and for contrast similar statistics for the past five years.

TABLE II

Five Year Incidence—Reported Cases and Deaths—Ontario, 1936–1940

Diseases	1936		1937		1938		1939		1940	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Actinomycosis	1	1	6	....	2	1	2	....	6	1
Meningitis (Meningococcus)	52	38	67	27	88	22	64	18	145	29
Chickenpox	11,301	1	11,795	1	10,881	....	11,133	2	15,993	2
Conjunctivitis	1	....	6	1	13	....	2	....	6	....
Diphtheria	290	8	506	29	234	6	131	7	78	12
Dysentery (Bacillary)	91	2	103	9	162	8	53	4	104	2
Encephalitis (Lethargica)	12	18	11	11	11	8	9	10	8	2
Erysipelas	168	18	139	11	128	10	187	5	124	7
Gonorrhoea	2,738	....	3,481	1	4,188	1	4,125	....	4,566	....
Influenza	1,869	53	13,330	185	943	31	8,284	137	3,327	17
Infectious Jaundice	46	2	89	2	701	2	502	3	110	1
German Measles	29,351	4	913	....	867	....	1,160	....	2,073	....
Measles	26,429	18	15,809	5	16,606	6	27,827	17	16,200	7
Mumps	13,699	1	9,696	....	4,119	....	3,296	....	9,872	1
Paratyphoid Fever	59	1	80	2	68	....	58	1	51	1
Pneumonia, all types	788	2,116	1,020	2,585	1,221	2,185	1,207	2,076	1,036	1,685
Poliomyelitis	208	12	2,544	109	160	18	216	13	87	9
Psittacosis	....	....	....	....	....	....	....	....	1	1
Puerperal Sepsis	4	8	6	8	9	12	9	13	8	7
Scarlet Fever	8,927	41	5,581	27	5,359	35	6,767	41	5,696	21
Septic Sore Throat (Epidemic Type)	160	19	244	12	113	6	209	5	294	6
Smallpox	....	....	....	....	6	....	1	....	....	....
Syphilis	2,000	15	2,415	23	3,010	47	3,285	38	5,222	48
Tetanus	5	8	10	10	11	7	15	8	13	7
Trachoma	70	....	2	....	3	....	5	....	2	....
Trichinosis	....	....	....	....	....	....	....	....	17	....
Tuberculosis	2,277	554	2,371	525	2,520	505	2,570	419	2,580	389
Tularemia	....	1	1	....	1	....	1	....	3	....
Typhoid Fever	251	27	241	17	235	31	119	9	159	24
Undulant Fever	127	2	104	....	97	....	66	....	64	2
Whooping Cough	7,890	29	5,040	9	7,569	32	7,023	18	5,517	29
Malaria	....	....	....	....	6	....	2	....	1	....

1B. Annual Incidence for Each Disease

Typhoid and Paratyphoid Fevers (also Carrier Control), Poliomyelitis, Tularemia, Diphtheria, Smallpox, Measles, Chickenpox, Cerebro-Spinal Meningitis, Undulant Fever, Scarlet Fever, Septic Sore Throat, Psittacosis, Trichinosis, Dysentery.

TABLE III

GEOGRAPHIC DISTRIBUTION OF CASES AND DEATHS—ONTARIO, 1940

COUNTY OR DISTRICT	Meningitis (Meningococcus)		Diphtheria		Encephalitis (Lethargica)		Para-typhoid		Polio-myelitis		Tularemia		Typhoid		Undulant Fever	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Algoma	1	1	......	......	......	......	......	......	......	......	......	......	1	0	......	......
Brant	4	1	......	......	1	......	......	......	9	1	......	......	7	2	2	......
Bruce	1	1	......	......	......	......	1	......	......	......	......	......	......	......	2	......
Carleton	12	......	9	1	......	......	1	......	3	......	......	......	6	1	2	......
Cochrane	1	1	1	......	......	......	5	......	1	......	1	......	23	3	......	......
Dufferin	......	......	......	......	......	......	......	......	2	......	......	......	......	......	......	......
Elgin	......	......	4	1	2	1	......	......	2	......	......	......	1	......	2	......
Essex	3	1	4	......	......	......	1	......	5	......	......	......	3	1	3	......
Frontenac	17	4	1	......	1	......	......	......	......	......	......	......	3	1	......	......
Grey	2	1	1	......	......	......	......	......	2	1	......	......	4	2	1	......
Haldimand	1	......	......	......	......	......	......	......	4	1	......	......	......	......	2	......
Haliburton	1	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Halton	......	......	......	......	......	......	......	......	......	......	......	......	1	......	......	......
Hastings	3	......	1	......	......	......	3	......	......	......	......	......	1	......	......	......
Huron	......	......	1	......	......	......	1	......	4	1	......	......	3	2	4	......
Kenora	2	......	2	1	......	......	......	......	1	......	......	......	4	2	......	......
Kent	2	......	1	1	......	......	......	......	2	......	......	......	1	......	......	......
Lambton	......	......	......	......	......	......	......	......	1	......	......	......	2	1	5	......
Lanark	1	......	......	......	......	......	......	......	1	......	......	......	1	......	......	......
Leeds and Grenville	3	1	1	1	......	......	......	......	1	......	......	......	3	......	......	1
Lennox and Addington	1	......	......	......	......	......	......	......	1	1	......	......	......	......	......	......
Lincoln	1	......	......	......	......	......	2	1	......	......	......	......	1	......	......	......
Manitoulin	......	......	......	......	......	......	......	......	1	......	......	......	......	......	......	......
Middlesex	10	1	......	......	......	......	2	......	3	1	......	......	1	......	6	......
Muskoka	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Nipissing	......	......	2	......	......	......	1	......	......	......	......	......	3	1	1	......
Norfolk	1	1	......	......	......	......	......	......	4	1	......	......	......	......	......	......

TABLE III—Continued

GEOGRAPHIC DISTRIBUTION OF CASES AND DEATHS—ONTARIO, 1940

County or District	Meningitis (Meningococcus)		Diphtheria		Encephalitis (Lethargica)		Para-typhoid		Polio-myelitis		Tularemia		Typhoid		Undulant Fever	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Northumberland and Durham	3	2	1	......	......	......	2	......	......	......	......	......	2	......	......	......
Ontario	......	......	......	......	......	......	4	......	......	......	......	......	5	1	2	......
Oxford	......	......	1	......	......	......	......	......	2	......	......	......	1	......	2	......
Parry Sound	......	......	......	......	......	......	1	......	1	......	......	......	......	......	......	......
Peel	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
Perth	2	1	3	......	......	......	2	......	......	......	......	......	1	......	4	......
Peterborough	2	......	1	......	......	......	1	......	......	......	......	......	......	......	2	......
Prescott and Russell	......	......	7	3	......	......	1	......	......	......	......	......	23	1	2	......
Prince Edward	......	......	......	......	......	......	3	......	......	......	......	......	......	......	......	......
Rainy River	......	......	1	......	......	......	......	......	......	......	......	......	1	......	......	......
Renfrew	3	2	1	......	2	......	1	......	4	1	......	......	4	......	......	......
Simcoe	7	1	5	......	......	......	2	......	2	......	......	......	......	......	......	....
Stormont, Dundas and Glengarry	2	......	4	......	......	......	2	......	2	1	1	......	11	1	1	......
Sudbury	4	3	14	2	......	......	......	......	1	......	......	......	8	2	......	......
Thunder Bay	4	1	2	1	......	......	4	......	2	..	......	......	5	1	2	......
Timiskaming	2	1	4	1	......	......	......	......	3	......	......	......	6	......	......	......
Victoria	......	......	1	......	......	......	......	......	......	......	1	......	4	......	3	1
Waterloo	......	......	......	......	......	......	4	......	......	......	....	......	1	......	3	......
Welland	3	1	......	......	......	......	2	......	3	......	......	......	1	......	1	......
Wellington	2	......	1	......	......	......	......	......	2	......	......	......	1	......	2	......
Wentworth	4	3	1	......	......	......	1	......	2	......	......	......	3	1	4	......
York	40	1	3	......	2	1	4	......	16	......	......	......	13	1	6	......
Totals	145	29	78	12	8	2	51	1	87	9	3	......	159	24	64	2

TABLE IV

MONTHLY INCIDENCE OF COMMUNICABLE DISEASES—CASES AND DEATHS—1940

Diseases	January		February		March		April		May		June		July		August	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Smallpox																
Scarlet Fever	682	2	616	4	869	3	570	3	496	3	407		229		197	2
Diphtheria	9	1	5		7	1	2	1	1	1	10	1	3		6	1
Measles	1.608		2,049		3,784		1,783	1	1,495	1	1,144	2	566	1	391	
Whooping Cough	445		402		561	6	399	3	461	3	467	1	324		340	3
Typhoid Fever	5	1	6	2	3		9		17		7	3	13	2	32	2
Tuberculosis	222	26	220	27	285	39	235	31	191	30	215	47	200	37	310	46
Poliomyelitis	5		1	1					2		2		6	3	11	
Cerebrospinal Meningitis (Meningococcus)	4		6		7	2	9	2	15	3	13	2	10	1	10	2
Influenza	315	2	1,033	3	380	4	318		158	2	93	1	26		66	
Pneumonia	152	218	116	149	167	200	76	146	85	140	74	112	63	114	48	112
Syphilis	411	1	412	5	585	8	416	2	366	2	400	3	423	8	469	4
Gonorrhoea	326		351		426		281		270		385		343		495	
Chickenpox	1.864		1,918	1	2,048		1,434		1,299		1,940	1	812		423	
Encephalitis	1		1						2		1	1			1	1
German Measles	68		65		179		110		146		93		43		32	
Mumps	951		1,273		1,978		1,721		1,278		1,015		283		202	
Septic Sore Throat	24		27	1	53	1	28	2	26	2	16		5		9	
Undulant Fever	5		7	1	3		4		9		5		7		6	
Dysentery	2				4		3		1		4		3	1	11	1
Erysipelas	5	2	18	1	22		21	2	11		6	1	5		6	1
Paratyphoid Fever	3	1			3		2		3		8		6		4	
Infectious Jaundice	13		7		32		14		17		10		6	1		
Tetanus	1	1	1				1	2	2		1				3	2
Tularaemia					1											
Conjunctivitis					2		1				3					
Malaria											1					
Actinomycosis							2		1							

TABLE IV—Continued

MONTHLY INCIDENCE OF COMMUNICABLE DISEASES—CASES AND DEATHS—1940

Diseases	September		October		November		December		Totals					
									1940		1939		1938	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Smallpox											1		6	
Scarlet Fever	257	1	380	1	561	0	432	2	5,696	21	6,767	41	5,359	35
Diphtheria	8	1	12	3	7	1	8	1	78	12	131	7	234	6
Measles	292	1	440		1,323	1	1,325		16,200	7	27.827	17	16.606	6
Whooping Cough	335	2	494	3	705	4	584	4	5.517	29	7,023	18	7,569	32
Typhoid Fever	23	4	25	7	14	3	5		159	24	119	9	235	31
Tuberculosis	183	32	157	24	209	27	153	23	2,580	389	2,570	419	2,520	505
Poliomyelitis	23	1	28	2	6	2	3		87	9	216	13	160	18
Cerebrospinal Meningitis (Meningococcus)	7	2	8	3	24	6	32	6	145	29	64	18	88	22
Influenza	84		76		138	1	640	4	3,327	17	8,284	137	943	31
Pneumonia	25	69	36	130	100	125	94	170	1,036	1,685	1,207	2,086	1,221	2,185
Syphilis	390	4	437	5	543	6	370		5,222	48	3,285	38	3,010	47
Gonorrhoea	443		425		548		274		4,566		4,125		4,188	1
Chickenpox	222		564		1,681		1,788		15,993	2	11,133	2	10,881	
Encephalitis					1		1		8	2	9	10	11	8
German Measles	25		17		457		838		2,073		1,160		867	
Mumps	184		280		386		231	1	9,872	1	3,296		4,119	
Septic Sore Throat	27		17		33		29		294	6	209	5	113	6
Undulant Fever	6	1	5		5		2		64	2	66		97	
Dysentery	2		16		3		55		104	2	53	4	162	8
Erysipelas	7		7		8		8		124	7	187	5	128	10
Paratyphoid Fever	8		7		7				51	1	58	1	68	
Infectious Jaundice			5		5		1		110	1	502	3	701	2
Tetanus		1	3	1			1		13	7	15	8	11	7
Tularaemia					2				3		1		1	
Conjunctivitis									6		2		13	
Malaria									1		2		6	
Actinomycosis					2		1	1	6	1	2		2	1

TYPHOID FEVER

Tables I, II, III and IV, present the statistical material about the Annual and Five-Year incidence, and geographic distribution of Typhoid and Paratyphoid Fever.

The incidence of Typhoid Fever, (159 cases and 24 deaths), reported during 1940 exceeded the previous low record of 1939 by forty cases. However, the total number of cases reported each month was well below the monthly endemic index for all months of the year, with the exception of the month of May, when there was an increase of ten cases. This is explained by two outbreaks of Typhoid Fever, one at Casselman, County of Russell, and the other at Espanola, in the District of Sudbury.

During 1940 there were no outbreaks of Para-typhoid Fever, and only fifty-one cases and one death have been reported as against fifty-eight cases and one death in the previous year.

Endemic cases of Typhoid Fever were generally scattered throughout the Province during 1940. Indeed, many counties remained free from Typhoid or Para-typhoid Fever. No cases were reported for the past year in any of the municipalities in the following eleven counties and districts: Dufferin, Elgin, Haldimand, Haliburton, Lennox and Addington, Lincoln, Manitoulin, Muskoka, Norfolk, Peel, and Simcoe. In five more counties and districts only endemic cases of Para-typhoid B were reported, viz.: Northumberland and Durham, Parry Sound, Rainy River, Prince Edward, and Waterloo.

Outbreaks

At CASSELMAN in Russell County an outbreak of Typhoid Fever occurred during March and April, 1940—eighteen cases with two deaths occurring there amongst three families. The first case came down early in March. As well as subsequent cases it was said to have been diagnosed as "Intestinal Influenza," (also mild), which occurred in the same household. The disease was not diagnosed as Typhoid Fever until April 12th, when seven cases had developed amongst the two families living in the same household. All cases, with three exceptions, developed among brothers and sisters visiting the first family infected. The last four cases, while there was said to be no immediate contact with the ill families, could have contracted the disease by drinking raw river water contaminated by the sewer that emptied into the river near the intake well. This well had been inundated with the high river water. There is no municipal water or sewage system in the village of Casselman and only a few homes are connected to this private system, all the others in this vicinity are supplied with water from private wells. As the outbreak was not reported till early in May there was a considerable lapse of time between the date of the first case and the date of the investigation. The source of the infection of the first case was not definitely established, but it was known that a pedler with an unknown type of enteritis had visited this home for a few days. All efforts to trace this man proved futile.

At OHSWEKEN in Brant County, an outbreak of four cases of Typhoid Fever was reportedby the Medical Officer of Health of the Six Nations Indian Reserve. Four Indians along with other relatives had been engaged in picking raspberries for two weeks on a farm near Oakville. Eight days after their return to the reservation the first case became ill. On investigation of the outbreak, it was learned that nineteen Indians had been employed by the farmer, the names of only a few had been known as many were employed by the day, and paid at the end of each day's work. However, one group of Indians, all relatives, camped on the farm. Near this camp was an old abandoned well, and some of the Indians in the group, used this water for drinking and washing purposes. None of the persons that used the regular water supply became cases. A sample of the water was obtained from this abandoned well, and was found to be contaminated. Repeated stool specimens were obtained from all persons in the Ohsweken group of Indians that had worked on the farm and all were negative on examination. It is thought this old well had become contaminated with the drainage from a nearby latrine.

At TIMMINS an investigation into the increased prevalence of Typhoid and Para-typhoid Fever was requested by the Medical Officer of Health. During a six-month interval, three cases of Para-typhoid infection and ten cases of Typhoid Fever had been reported. The first case was reported in April and the cases were spread over this period until October. No evidence was found to incriminate either the water, milk or other food supplies and no contacts were established amongst cases as to common meeting places, or visiting. Six of the cases developed in two families, who had been on a vacation outside the City. At a conference held by the Local Board of Health, after the investigation, the situation was thoroughly discussed.

Sporadic cases of Typhoid Fever were investigated at Ancaster, St. Davids, and Sauble Beach and one carrier was found in the last named outbreak.

At ESPANOLA, in Sudbury District, six cases and one death from Typhoid occurred as an explosive outbreak in May, 1940. Immediately investigation by the Department showed that raw water for fire purposes had been pumped into the town mains one week before the onset of the cases. All cases were isolated in a separate house loaned by the Paper Company, and operated as an Annex to the Red Cross Hospital. No further cases occurred and no carriers resulted from this outbreak.

PARA-TYPHOID FEVER

At Whitby in Ontario County, two cases of Para-typhoid Fever were reported and another case was reported from a nearby Township. On investigation it was found that while the dates of onset were close enough to arouse suspicion of a common origin, no common factor was found amongst the three cases. Two of the cases had been on separate excursions and the third lived in the country. Stool specimens were obtained from all members of the families but no carriers were found.

CONTROL OF CARRIERS

The routine work of following up laboratory reports for case information and sending of a budget and "release specimen" containers to Medical Officers of Health was continued during the year. The budget contains information regarding procedure for locating carriers in the family or environment about endemic cases. The "release specimen" containers (along with Special Regulations governing release of cases) are sent as a service to the local Medical Officer of Health and in order to have "release" examinations done in the Departmental laboratories as often as possible.

In the follow-up work of reports of Enteric Infection, of which 392 came to the attention of the Division in 1940, there were 182 instances in which the evidence showed the patient had neither infection. Of the remaining 210 of these, 159 were proven to be Typhoid Cases and 51 were Para-typhoid cases. By the end of the year, 165 (79%) had been released from restrictions and the remainder were still under further investigation. While only two definite "convalescent" carriers were discovered by the "release" method during 1940 (one being a Typhoid and the other a Para-typhoid B carrier) it will be recalled that in 1939 there were ten Typhoid and four Para-typhoid carriers so discovered.

This year only one case of enteric infection was traceable to a "known" carrier who was under supervision by Local Boards of Health. This is the first instance in over five years, where a known supervised carrier has been proven to have infected anyone with either Typhoid or Para-typhoid Fever.

There were 99 carriers under supervision of the Province and Local Boards of Health in 1940, and that was an increase of 36 over 1939. No new carriers were found in Ontario Mental Hospitals during the year but 11 new carriers were located throughout the Province and placed under supervision. In addition three known to the Toronto Health Department were placed on the Departmental Carrier Register. Of the eleven new carriers discovered, five were discovered when a case occured in the family, three were discovered in outbreaks and one each by surgical operations or during acute gall bladder symptoms or by routine stool examinations. One of the "outbreak" carriers was located by the Michigan Health Department and immediately placed under supervision when the carrier had returned to Ontario.

One carrier of B. Aertrycke (B. Typhi-Murium) was discovered in an Army Training Centre, in the latter part of 1940. This man was a food-handler and was removed from his work and placed under supervision.

There were also two convalescent carriers discovered during the year and added to the Register. Seven "convalescent" carriers of 1939 who were carrying the organism over a year from onset, were declared to be "chronic" carriers in 1940.

There were three deaths of carriers during 1940, all were persons known to be chronic carriers for some years. Ten carriers were released from supervision during the year, three released by gall bladder operations, five convalescent carriers became negative and two were released for lack of evidence.

The Department realized early in 1940 from an analysis of carrier records that more supervision might rightly be given to the control of carriers in the Unorganized Areas of Northern Ontario. Accordingly, a complete register of all known carriers in these areas, was furnished by the Department to the Provincial Sanitary Inspectors, and by their efforts, known carriers are being kept under adequate supervision.

POLIOMYELITIS

The year 1940 presented the second lowest annual incidence since 1929, showing only 86 cases reported and 9 deaths (in 1933 only 53 cases and 15 deaths were reported). The geographic incidence of the disease (Table III) shows no great concentration of cases except in Brant County where six cases occurred in one family with four cases paralyzed and one death. In addition to financial assistance to the family, the Department conducted an epidemiological investigation as to the source and mode of spread of the disease, and material was sent to the School of Hygiene, University of Toronto, for virus study.

Information relative to age, sex, paralysis, month of onset, and outcome are found in Tables V, VI, VII, and general incidence in Tables I to IV.

The Department continued its service of maintaining respirators in strategic centres. Of 12 patients reported with paralysis of respiratory nature, 7 were treated in respirators with 3 deaths, while of 5 not treated in respirator, four died.

Standard Splints and Bradford Frames were made available again to all poliomyelitis cases needing these orthopaedic appliances in their treatment, and at the end of the year 33 patients had received splints and 23 patients had received Bradford Frames.

The Department continued to provide three weeks' free hospitalization in certain hospitals for poliomyelitis patients requiring orthopaedic treatment, the programme being limited by war economy to those cases where the family was unable to provide such hospitalization.

During the year, a study of epidemiological information relative to the incidence of Poliomyelitis in the Province during the years 1938 and 1939 respectively, was analyzed and made available in stencilled form for distribution.

The epidemiological findings centering about two interesting cases of poliomyelitis occurring in the 1939 Sarnia outbreak was presented at the Christmas meeting of the Laboratory Section of the Canadian Public Health Association, in conjunction with a paper by Dr. J. Craigie outlining the virus findings in both cases..

During the year, the Department undertook to follow up all the poliomyelitis cases which had occurred in the 1937 outbreak in the Province, in order to attempt to evaluate any relationship which might exist between various types of treatment, degree of paralysis, and eventual recovery. A nurse from the Departmental staff spent 58 days in field work in Southern Ontario gathering essential information for the study.

TABLE V

POLIOMYELITIS CASES—1940—AGE, SEX AND PARALYSIS

AGE IN YEARS	Paralyzed		Non-Paralyzed		Total	
	Male	Female	Male	Female	Male	Female
0– 4	4	4	3	1	7	5
5– 9	8	5	6	2	14	7
10–14	7	7	2	3	9	10
15–19	5	2	2	2	7	4
20–24	2	....	1	....	3	....
25–29	..	1	1	....	1	1
30–34	1	3	....	....	1	3
35–39	1	2	....	....	1	2
40–44	1	...	....	1	1	1
45–49	..	1	....	....	..	1
50 and over	1	....	...	....	1	...
Not stated	3	....	1	3	4	3
Totals	33	25	16	12	49	37
Totals	58		28		86	

TABLE VI

POLIOMYELITIS CASES BY MONTHS OF ONSET, 1940

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
No. of Cases.	3	1	....	....	2	2	7	16	28	25	2	....	86

TABLE VII

POLIOMYELITIS DEATHS—1940—BY AGE AND SEX

Sex	Age Groups									Total
	0–4	5–9	15–19	20–29	30–34	35–39	40–44	45–49	50 and Over	
Male	1	2	2	....	1	....	....	....	1	7
Female	....	....	....	....	....	1	....	1	....	2
Totals	1	2	2	....	1	1	....	1	1	9

TULAREMIA

Three cases of Tularemia were reported in the Province during the past year. The geographical distribution is as follows:

Cochrane, 1; Prescott and Russell, 1; Fort William, 1.

Two of the cases were males, one a boy age 15, who had been hunting rabbits, and the other a male age 20, a labourer, who had been hunting skunks. The last case reported apparently became infected in Manitoba, and very little detail with respect to this case was given. The last case infected was a child visiting in Fort William, who had become infected in Manitoba.

DIPHTHERIA

During the year only seventy-eight cases of Diphtheria with twelve deaths were reported for the entire Province. Table II shows the contrast of former years. The City of Toronto reported for the first year, no cases or deaths in 1940.

The annual and five year incidence of this disease is shown in Tables I to IV.

In all, four outbreaks were reported, all of which were brought under control by the Provincial and local authorities before they reached any great proportion.

In the town of MASSEY, District of Sudbury, in September and October, ten cases and two deaths occurred in six families which were reported as arising in Separate School children. The original source for introduction of the infection to the community remains unknown. Toxoid had been administered to some members of the families eight years ago, but this could not be confirmed by the local records. The last case (clinically not severe) occurred in a girl of seven years, who had had two doses of toxoid—one at 28 days and one at 8 days previous to the onset of symptoms.

Though both fatal cases received antitoxin, they were very toxic in type, one dying of sudden myocardial failure and one of toxemia associated with chronic nephritis.

The Local Board of Health and the Local Medical Officer of Health, toxoided school and pre-school children in the town of Massey and surrounding unorganized areas—the Department contributing financially to the work in the latter. The schools were kept closed until after the third dose of toxoid had been given, and on re-opening about 200 throat swabs were examined and found negative for virulent diphtheria bacilli. No further cases had occurred at the end of the year.

In PRESCOTT County, three cases of Diphtheria were reported from Hawkesburg and L'Original during December, with one death. No further spread was noted.

PORT STANLEY reported three cases and one death in non-toxoided persons which appeared to be imported infection from New Brunswick, the first case becoming ill en route. No further spread was noted after control measures were instituted, although two children toxoided in 1938 were playmate contacts.

At TEMAGAMI, District of Nipissing, a death on the train occurred in a three-year-old boy travelling from Quebec to Redwater, Ontario, and this was followed by mild clinical cases in the mother and brother, and a positive throat swab without clinical symptoms in a 6-weeks-old sister. Prompt action by the local physician in toxoiding and using prophylactic antitoxin resulted in no further spread of the disease.

SMALLPOX

No known cases are recorded for the year 1940 and none in Ontario since 1938. Only three suspected outbreaks were reported during the year, one still being under investigation.

An outbreak of Smallpox was reported to the Department early in February amongst a group of Treaty Indians living about six miles from Elsas on Lake Kapuskasing in Algoma District. On investigation, however, it was found to be a severe type of chickenpox that had occurred. About 30 Indians were seen in the Reservation and the disease had attacked adults as well as children. The Indians were all vaccinated and in examination of material obtained from the cases, the diagnosis by the Craigie complement Fixation Test was confirmed.

At PICTON quarantine was initiated in one of the Air Training Centres because of suspected Smallpox. Investigation and the use of the Complement Fixation test proved this to be chickenpox.

In COCHRANE District, in Newmarket Township, unorganized territory, three cases were diagnosed as Smallpox by a local physician. These persons had never been vaccinated and on investigation and vaccination, Smallpox could not be ruled out. This outbreak is still under enquiry.

See Tables I to IV for statistical information.

CHICKENPOX

Cases of Chickenpox reported throughout the Province reached a new high when nearly 16,000 cases were reported. This is the greatest number of cases reported during the past nine years. There were only two reported deaths, however. (See Tables I to IV).

MEASLES

There was a forty per cent. reduction in the number of cases of measles as reported during 1940 over the corresponding period of the previous year, with a corresponding decrease in the number of deaths reported.

CEREBRO-SPINAL MENINGITIS

There has been a sharp upward trend in the number of cases and deaths of Cerebro-Spinal Meningitis, as reported in 1940, and compared with the previous twelve years.

TABLE VIII.

CEREBRO-SPINAL MENINGITIS (Meningococcic))

Year	Cases	Deaths	Morbidity Rate per 100,000	Mortality Rate Per 100,000	Fatality Rate Per 100.
1929	101	79	3.0	2.3	78
1930	120	57	3.5	1.7	47
1931	70	44	2.5	1.2	62
1932	46	27	1.3	.7	58
1933	48	27	1.7	.7	56
1934	35	12	.9	.3	34
1935	32	24	.9	.6	72
1936	52	11	1.4	.3	21
1937	67	19	1.8	.5	28
1938	88	14	2.3	.3	15
1939	64	11	1.6	.2	17
1940	145	29	3.8	.7	20

In the above Table it will be noted that in 1930 the morbidity rate was 3.5 per 100,000 and the morbidity rate for 1940 was 3.8. The mortality rate for this same period was 1.7 and for 1940 was .7. It was one per hundred thousand higher in 1930 than for the corresponding period in 1940. Not only was there a marked decrease in the mortality rate for 1940 but if the case fatality rate is also compared for this period, it will be seen that there is a striking reduction of over 50% in the total cases of 1940 as compared with 1930, due, no doubt, to improved methods in treatment.

There was an increased trend in Cerebro-Spinal Meningitis for a three-year period, 1929, 1930, 1931. From 1931 on, the morbidity rate has gradually decreased until 1936. During the last five years a fluctuating increase is noted annually until the peak was reached in 1940.

During the last nine years there has been less than one death from Cerebro-Spinal Meningitis per 100,000 persons. The mortality rate is considerably lower than the mortality rates of Scarlet Fever, Typhoid, Diphtheria and Whooping Cough, and is but slightly higher than the same rate for Measles. The case fatality rate, however, still exceeds the rates of the above mentioned diseases. Typhoid Fever during the past ten years reached a mean per cent. of 12.8 compared with the lowest rates for Cerebro-Spinal Meningitis for the past ten years (15% and 17%). The mean rate for Cerebro-Spinal Meningitis however, is considerably higher.

UNDULANT FEVER

Sixty-four cases were reported for 1940 compared with sixty-six the previous year. There has been a considerable decrease in the incidence of Undulant Fever as compared with previous years—see Tables I to IV. During 1936, 127 cases of Undulant Fever were reported, in 1937—104, and in 1938—101 cases. During the past two years, however, there has been a marked decrease in the number of cases reported. Cases of Undulant Fever in 1940 were reported from all areas throughout the Province, including some of the most north-west districts.

SCARLET FEVER

There was a marked decrease of over 1,000 cases in the total number of Scarlet Fever cases reported during the year as compared with each of the past two years. The disease is of a very mild type, and consequently there has been a great deal of difficulty in making a diagnosis. This has been reflected in increased requests throughout the Province for diagnostic services.

An outbreak of Scarlet Fever occurred late in 1939 at the Ontario Hospital, New Toronto. The work of immunization of all contacts was carried out during the early part of 1940. Fifteen cases in all occurred up to January 15th. All the staff and some 678 ward patients were Dick Tested. Of these, 269 were Dick negative. No Scarlet Fever occurred amongst any of the patients after the third dose of Scarlet Fever Toxin had been given.

During the latter part of December, an outbreak of Scarlet Fever also occurred at the Ontario Hospital School, Orillia. Two thousands patients and 250 of the staff were Dick Tested, and the susceptibles were given five doses of Scarlet Fever Toxin. Before immunization, 29% of the patients and 17% of the staff were positive. The outbreak lasted from December 15th to April 8th, and 13 cases of Scarlet Fever were recorded. No further cases developed after April 8th.

SEPTIC SORE THROAT

No outbreak of Septic Sore Throat occurred in the Province during 1940. However, 294 cases of endemic septic sore throat were reported and six of these cases died.

PSITTACOSIS

Previous to 1940 no proven cases had been found in the Province but in December of this year a positive laboratory report was received on a case under investigation at St. Michael's Hospital, Toronto. It is believed that other members of the family had been undiagnosed cases and the investigation of the problem of Psittacosis in humans and birds is still being carried on by the Department.

At Wellandport, Ontario, a very typical case (without positive Laboratory proof, however) occurred, resulting in the death of the patient, following extremely close contact with an ill Budgerigar. The cases presented an atypical pneumonia, typhoid-like temperature elevation, malaise and prostration like Influenza. On investigation by the Department it was discovered that the Budgerigar was bred and raised in a local aviary and though no other sick birds were present at the time, the aviary was quarantined for some time before release for lack of further evidence.

While no other proven cases are known, yet some evidence is accumulating, suggestive of the possibility that mild, undiagnosed cases of the disease may be occurring in humans and these in the part have been diagnosed as "Atypical Typhoid," "Influenza," "Atypical Bronchopneumonia."

TRICHINIASIS

The first outbreak of this disease, which is usually associated with the consumption of raw or insufficiently cooked pork or pork products occurred in Windsor and Harrow areas, in a Roumanian community in 1937, the cases being limited in number to four or five.

The second outbreak occurred in the City of Hamilton, Wentworth County, and the Township of Walpole, Haldimand County, in November of 1940. In Hamilton about 150 Italian persons were exposed to the infection by consuming pork in the form of home-made sausages, prepared by an Italian factory worker; among these persons at least 17 clinical cases and many subclinical infections are known to have occurred. At the City Laboratories, Hamilton General Hospital, the examination of stool and spinal fluid specimens from clinical cases showed the presence of the Trichina larvae. Photographs of the larvae in the spinal fluid of one of the hospitalized cases were obtained.

On the investigation by the Department, it was found that one farmer in Walpole Township had shipped to Hamilton Market, two sows. On enquiry at this farm, four cases of Trichinosis had occurred subsequent to eating sausage prepared from one of the farmer's hogs. Adequate control measures were taken to prevent more cases occurring and further work on the investigation is being conducted.

DYSENTERY

Though Bacillary Dysentery is endemic throughout the Province each year, only the major outbreaks come to the attention of the Department. Four such outbreaks were reported and investigated during 1940, three arising from Flexner Bacillus infection and one in a nursery from Hemalytic B. Coli. Infections from Shiga Bacillus have not been reported nor have the Central Laboratories and Branches, isolated this organism from any cases in 1940.

In Northern Ontario, in December, the Department aided a general Hospital, in tracing the source of fifty-five cases of mild diarrhoea in Infants in the Obstetrical-Nursery Wing. When the source of contamination of the infant feedings was found and removed the epidemic was brought under control. No deaths occurred.

At the Orillia Hospital School several cases due to Flexner Bacillus were reported in March of 1940, but no further spread was noted. A search for carriers was conducted but none could be found.

At the Ontario Hospital, Kingston, an outbreak of diarrhoea occurred with acute constitutional symptoms. There were no deaths and the majority of cases recovered within 24-48 hours. Repeated specimens of stool were taken from many of the cases, and all were negative on examination of stools. Two carriers were found on the routine examination of the stools of other patients.

A small outbreak of Dysentery occurred at the Ontario Hospital at London, during the time when the raspberries were being picked. The outbreak was not of a severe character and no new carriers were found after repeated examination of stools submitted to the Laboratory.

SECTION 2. DISTRIBUTION OF LITERATURE

The material distributed by the Division consists of two main types:

1. Pamphlets and other printed material relative to Infectious diseases, for the Health Education of professional and lay persons.
2. Recording forms for Local Health work.

As more and more interest is manifested each year by groups interested in the control of communicable diseases, and as local health programmes in organized areas expand, the demand for such material of both types is apt to exceed the supply. The Department attempts to supply some material but a great deal of the subject matter is under revision at the present time so that reference is always made to other sources of material outside the Department when answering requests. The following Tables shows the distribution by this Division only, of the various forms of material for the past year.

TABLE IX

DISTRIBUTION OF LITERATURE—1940

Infectious Disease Literature	No. of Forms Distributed	Recording Forms	No. of Forms Distributed
Regulations and		Diphtheria —Recording forms	1,072
Amendments	608	” —Consent Cards	20,174
Diphtheria	8,871	” —Certificates	20,153
		Scarlet Fever—Recording forms	30
Scarlet Fever	4,646	” —Consent cards	2,452
Rabies	913	” —Certificates	1,475
Measles	2,177	Smallpox —Consent forms	24,325
Poliomyelitis	2,387	” —Certificates	7,124
		Typhoid —Certificates	1,950
Immunization Folder (new forms)	23	Immunization Cards (combined form)	2,215
Total	19,625	Total	80,970
Total—100,595			

In addition to the above routine distributing service, special publicity material was prepared regarding Whooping Cough for the Immunization Campaign in Dufferin County. New immunization recording forms were then devised, having the purpose of providing—a single record form for all types of immunization, health education to parents about immunization, a standard procedure approved by the Department, a method of familiarizing parents and families with the work of their Local Board of Health.

The policy of the Department regarding issuance of material to lay persons was changed during 1940 in that lay requests were referred to the Local Medical Officer of Health rather than directly in order that the latter might be given this opportunity of contact with these persons sufficiently interested to write for material. It also serves to acquaint lay persons in rural areas with the work of their Local Medical Officer of Health and the Local Board of Health.

SECTION 3. LOCAL HEALTH ADMINISTRATION

Owing to the limitations of other Staff for this work, the Division of Epidemiology contributes to the work carried on through the office of the Chief Medical Officer of Health. During the year, the addressograph service was maintained by this Division for the purpose of circularizing the Medical Officers of Health (approximately 700) and Secretaries of the Local Boards of Health (approximately 900) with information relative to public health administration and procedure. Technical aid was given to the preparation for printing of the Annual Personnel Book, which presents information regarding the changing Personnel of Local Boards of Health and of the Provincial Department of Health.

The forms for the Annual Report of the Local Medical Officers of Health were prepared and distributed by the Division to all organized municipalities (over 900) during December of this year.

In March, one member of the staff contributed to the health survey made in the Town of Timmins and the Township of Tisdale in Northern Ontario. This survey was carried out at the request of the municipalities and covered as completely as possible, all phases of Health Work. The Rural and Urban

Health Appraisal Form of the American Public Health Association was used as a guide. The complete survey formed the basis of Departmental recommendations to the municipalities concerned for the furtherance of the local health programme.

In Dufferin County, the Department, through the Chief Medical Officer of Health, this Division and the Director of Health Education, assisted in the planning and publicity for the Whooping Cough immunization campaign, carried on by the Local Medical Officers of Health in an attempt to immunize the pre-school population. A new type of Immunization Record for the use of parents was devised and introduced during the campaign and free Pertussis Vaccine was provided. The results obtained were satisfactory from an administrative point of view. (Observation of the vaccinated and control children will have to be carried on over a period of years for full evaluation of the results). Six doses (1cc. in each arm, three weeks or a month apart) were given each child.

Acknowledgment must be made of the interest and initiative shown by Dr. W. J. McLean, Medical Officer of Health for Shelburne Village and Amaranth Township, in the conduct of the campaign.

SECTION 4. DISTRIBUTION OF BIOLOGICAL PRODUCTS AND INSULIN

The statistical data relative to the amount and cost of distribution for the fiscal year April 1st, 1939, to March 31st, 1940, as well as comparative costs for distribution for the past 13 years, are presented in tabular form at the end of this Report (Tables X to XXIII).

BIOLOGICAL PRODUCTS

The supply of Biological Products and Insulin is a joint responsibility of the Division of Laboratories, and this Division—the former providing for storage and mailing, and the latter for all the purchasing, record-keeping and accounting. In the case of Insulin, this also includes the preparation and mailing of quarterly accounts to an average of seven hundred municipalities.

During the year the Department continued to supply free biological products through the twelve distributing centres. (The Central Laboratory and its seven branches; the offices of local Departments of Health at Brantford, Hamilton, Owen Sound, and Windsor).

The biological products so distributed through the physicians as a service to the public are for:

(a) The PREVENTION of disease by ACTIVE immunization: Diphtheria Toxoid; Scarlet Fever Toxin; Smallpox, Rabies, and Pertussis Vaccines.

(b) The PREVENTION of disease by PASSIVE immunization, and for the TREATMENT of cases: Diphtheria, Scarlet Fever and Tetanus Antitoxins; Anti-meningococcus and Anti-Anthrax Serums.

(c) The TESTING of susceptibility or immunity: Schick and Dick Test material and Tuberculin.

In Table XXIII is shown the fluctuation of the costs of distribution of biologicals for the past 13 fiscal years.

An increase in the cost of RABIES VACCINE was largely due to the immunization of humans bitten during an outbreak of Rabies in animals in south western Ontario in September and October, 1939. No human cases resulted. (See Annual Report, 1939).

The distribution of PERTUSSIS VACCINE on a province-wide scale has resulted in a corresponding increase in the expenditures for this product and these costs are largely responsible for the total increase in the gross cost of the distribution of biological products.

TUBERCULIN for diagnostic purposes in the control of tuberculosis was increasingly used as reflected in the distribution of this product (see Table XXI).

In October, 1940, a Committee for the Study of Biological Products was formed as a joint effort by the Department of Health, Ontario, and the Connaught Laboratories, University of Toronto. The purpose of this Committee is the evaluation of biological products and the approval of their suitability for clinical or field studies. At the end of the year, precipitated Diphtheria Toxoid, Precipitated Tetanus Toxoid, and anti-typhoid Rabbit Serum had been so approved.

INSULIN

INSULIN was distributed throughout the Province to 3,836 indigent patients and was again supplied to Ontario Mental Institutions for Insulin Shock Therapy. Completing the recommendations made in the Auditor's Report, stock-taking was introduced and continued each month in all the twelve distributing centres.

New requisition forms were made available during the year, which included space for requesting Protamine Zinc Insulin. The latter also was supplied in the 800 unit vials in addition to the 400 unit vials. The Unmodified (old "Plain or Coloured Label" Insulin) was replaced by Insulin-Toronto (made from Zinc-Insulin crystals), in the same strengths, i.e., 200 unit, 400 unit, and 800 unit vials. The accounting system in use in this Division for the preparation and sending out the quarterly accounts to municipalities for 25% of the cost of Insulin was changed to the addressograph method with a saving in time, labour, and stationery as well as an increase in speed and accuracy in the work.

The Department of Health provides free insulin to those persons in whose treatment this product is required and who would otherwise be deprived of it. Diabetic patients able to pay for insulin are not supplied by the Department.

While the provision of insulin is free to those unable to pay for it, the Department pays 75% of the cost and the Local Municipality pays 25%, the latter being liable for this as soon as the patient takes up residence in that municipality. While this re-allocation of total costs in part to the local authorities which was first begun in 1935-36 has resulted in a marked increase in cost-accounting by this Division because of the necessity for sending out quarterly accounts to an average of seven hundred municipalities, still the fact that this re-allocation has resulted in a 45% reduction in the cost of distribution of Insulin seems sufficient justification for the work required.

Insulin is provided in two forms: 1. Protamine Zinc Insulin in vials of four hundred units and eight hundred units: 2. Insulin-Toronto (zinc insulin crystals) in vials of two hundred, four hundred, eight hundred and one thousand units.

The 1,000 unit size vial of Insulin-Toronto is provided for Insulin Shock Therapy and is largely used by the Ontario Hospitals, for which work, the Division advances the Insulin and the cost is re-allocated to the various Hospitals. The scope of this service is shown in Table XII.

Statistical Tables, X-XIII inclusive, present the facts regarding the distribution of Insulin, the cost of which for the past four years has remained practically the same.

TABLE X

ANNUAL DISTRIBUTION OF INSULIN—FISCAL YEAR 1939-1940

Type of Insulin	Units per Vial	Cost per Vial	No. of Vials	Total Cost
Insulin–Toronto	200	.35	11,055	$ 3,869.25
" "	400	.65	46,128	29,983.20
" "	800	1.25	2,208	2,760.00
" "	1000	1.50	690	1,035.00
Protamine Zinc	400	.72½	31,702	22,983.95
" "	800	1.40	124	173.60
Total				$60,805.00

TABLE XI

MONTHLY DISTRIBUTION OF INSULIN—FISCAL YEAR, 1939-40

Months	Types of Insulin						Cost All Types
	Insulin-Toronto				Protamine Zinc Insulin		
	No. of Vials Distributed				No. Vials Distributed		
	200 Unit	400 Unit	800 Unit	1000 Unit	400 Unit	800 Unit	
1939							
April	1,025	3,725	112	36	2,432	......	$4,737.20
May	900	4,185	113	36	2,435	......	4,995.88
June	1,325	4,060	150	42	2,620	......	5,252.75
July	625	4,085	200	36	2,300	......	4,845.50
August	780	4,495	425	60	2,600	......	5,701.00
September	1,050	4,195	285	48	2,575	......	5,389.37
October	985	2,985	224	72	2,675	......	4,612.38
November	725	3,410	105	72	2,475	......	4,503.87
December	1,125	3,620	184	72	3,205	......	5,408.38
1940							
January	805	4,545	210	72	2,650	......	5,527.75
February	1,040	3,798	150	144	2,935	......	5,364.07
March	670	3,025	50	124	2,800	124	4,466.85
Total	11,055	46,128	2,208	814	31,702	124	60,805.00

TABLE XII

ANNUAL DISTRIBUTION OF INSULIN FOR SHOCK THERAPY FISCAL YEAR 1939-40

MONTHS	No. of Vials 1000 Units	Cost
1939		
April	36	54.00
May	36	54.00
June	42	63.00
July	36	54.00
August	60	90.00
September	48	72.00
October	72	108.00
November	72	108.00
December	12	18.00
1940		
January	121	181.50
February	60	90.00
March	85	127.50
Total	680	$1,020.00

TABLE XIII

ANNUAL DISTRIBUTION OF INSULIN BY AREA (Toronto and Province) FISCAL YEAR 1939-40

RESIDENCE OF PATIENTS REQUIRING INSULIN	Male	Female	Total
City of Toronto	368	726	1,094
Province of Ontario, Exclusive of Toronto	1,145	1,597	2,742
Totals	1,513	2,323	3,836

TABLE XIV

BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—FISCAL YEAR 1939-40

Month	Diphtheria Antitoxin										Diphtheria Toxoid			
	1M Unit Vials	Cost	10M Unit Vials	Cost	20M Unit Vials	Cost	40M Unit Vials	Cost	Syringes	Cost	Diluted Vials	Cost	Reaction Test	Cost
1939		$ c		$ c		$ c		$ c		$ c		$ c		$ c
April	168	23 52	115	138 00	109	261 60	....	....	50	10 00	59	11 80	....	....
May	275	38 50	106	127 20	65	156 00	....	....	....	....	22	4 40	....	....
June	387	54 18	95	114 00	84	201 60	....	....	25	5 00	71	17 75	....	....
July	444	62 16	215	258 00	102	244 80	....	....	75	15 00	36	9 00	8	80
August	305	42 70	51	61 20	34	81 60	10	48 00	....	....	21	5 25	3	30
September	342	47 88	100	120 00	70	168 00	6	28 80	6	1 20	33	8 25	154	15 40
October	620	86 80	168	201 60	233	559 20	6	28 80	....	....	85	21 25	234	23 40
November	278	38 92	126	151 20	151	362 40	11	52 80	55	11 00	36	9 00	34	3 40
December	312	43 68	163	195 60	90	216 00	8	38 40	....	....	42	10 50	6	60
1940														
January	231	32 34	270	324 00	145	348 00	25	120 00	75	15 00	68	17 00	104	10 40
February	246	34 44	44	52 80	105	252 00	4	19 20	39	7 80	61	15 25	100	10 00
March	194	27 16	76	91 20	20	48 00	15	72 00	....	....	16	4 00	64	6 40
Totals	3,802	532 28	1,529	1,834 80	1,208	2,899 20	85	408 00	325	65 00	550	133 45	707	70 70

TABLE XIV—Continued

BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—Continued

MONTH	DIPHTHERIA TOXOID													
	Schick Test		For 1 Person		For 6 Persons		For 12 persons		One (3cc) Vial		Six (3cc) Vials		Six (6cc) Vials	
	Pkgs.	Cost	Pkgs.	Cost	Pkgs.	Cost	Pkgs.	Cost	Vials	Cost	Vials	Cost	Vials	Cost
1939		$ c		$ c		$ c		$ c		$ c		$ c		$ c
April	381	95 25	1,073	214 60	100	80 00	755	755 00	....	....	....	....	....	....
May	383	95 75	1,478	295 60	170	136 00	601	601 00	....	....	....	....	....	....
June	456	114 00	1,490	409 75	147	117 60	295	295 00	....	....	44	49 28	....	....
July	182	45 50	1,129	310 47	....	....	158	158 00	116	24 36	59	66 08	1	1 75
August	395	98 75	1,052	289 30	....	....	124	124 00	25	5 25	166	185 92	400	700 00
September	524	131 00	1,835	504 63	....	....	7	7 00	14	2 94	509	570 08	945	1,653 75
October	603	150 75	1,585	435 88	....	....	....	....	291	61 11	342	383 04	1,052	1,841 00
November	427	106 75	1,478	406 45	....	....	....	....	103	21 63	326	365 12	542	948 50
December	296	74 00	1,182	325 05	....	....	....	....	49	10 29	131	146 72	280	490 00
1940														
January	260	65 00	1,230	338 25	....	....	....	....	94	19 74	75	84 00	222	388 50
February	457	114 25	1,537	422 67	....	....	....	....	25	5 25	39	43 68	275	481 25
March	217	54 25	1,128	310 20	....	....	....	....	33	6 93	81	90 72	169	295 75
Total	4,581	1,145 25	16,197	4,262 85	417	333 60	1,940	1,940 00	750	157 50	1,772	1,984 64	3,886	6,800 50

TABLE XIV—Continued

BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—Continued

MONTHS	TETANUS ANTITOXIN									
	1,500 Unit Vials	Cost	10,000 Unit Vials	Cost	20,000 Unit Vials	Cost	Syringes	Cost	10,000 Unit Outfits	Cost
1939		$ c		$ c		$ c		$ c		$ c
April	2,108	822 12	27	54 00	....	....	150	30 00	1	1 50
May	3,251	1,267 89	81	162 00	....	....	158	31 60	3	7 05
June	5,503	2,146 17	217	434 00	6	22 50	313	62 60	36	84 60
July	4,810	1,875 90	232	464 00	....	....	250	50 00	10	23 50
August	5,486	2,139 54	174	348 00	....	....	212	42 40	20	47 00
September	4,805	1,873 95	201	402 00	....	....	200	40 00	8	18 80
October	3,698	1,442 22	121	242 00	31	116 25	182	36 40	5	11 75
November	3,674	1,432 86	80	160 00	13	48 75	206	41 20	14	32 90
December	2,677	1,044 03	93	186 00	74	277 50	75	15 00	13	30 55
1940										
January	2,471	963 69	64	128 00	27	101 25	153	30 60	....	....
February	2,223	866 97	57	114 00	2	7 50	56	11 20	3	7 05
March	2,191	854 49	17	34 00	7	26 25	150	30 00	1	2 35
Total	42,897	16,729 83	1,364	2,728 00	160	600 00	2,105	421 00	114	267 05

TABLE XIV—Continued

BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—Continued

Months	Scarlet Fever Antitoxin						Scarlet Fever Toxin					
									For 1 Person		For 6 Persons	
	Prophylactic doses	Cost	Treatment doses	Cost	Syringes	Cost	Dick Test	Cost	Pkgs.	Cost	Pkgs.	Cost
1939		$ c		$ c		$ c		$ c		$ c		$ c
April	831	623 25	396	1,089 00	50	10 00	479	119 75	791	228 30	384	384 00
May	557	417 75	346	951 50	125	25 00	587	146 75	503	150 90	415	415 00
June	873	654 75	308	847 00	75	15 00	483	120 75	579	173 70	254	254 00
July	477	357 75	176	484 00	100	20 00	440	110 00	600	180 00	191	191 00
August	715	536 25	233	640 75	....	....	455	113 75	721	216 30	192	192 00
September	555	416 25	281	772 75	....	....	615	153 75	869	260 70	770	770 00
October	1,204	903 00	308	1,094 50	50	10 00	986	246 50	1,094	328 20	1,169	1,169 00
November	946	709 50	412	1,133 00	25	5 00	894	223 50	846	253 80	641	641 00
December	807	605 25	563	1,548 25	100	20 00	870	217 50	859	257 70	334	334 00
1940												
January	745	558 75	356	979 00	....	....	1,027	256 75	740	222 00	695	695 00
February	851	638 25	317	871 75	80	16 00	679	169 75	552	165 60	424	424 00
March	530	397 50	323	888 25	50	10 00	487	121 75	629	188 70	370	370 00
Total	9,091	6,818 25	4,109	11,299 75	655	131 00	8,002	2,000 50	8,753	2,625 90	5,839	5,839 00

TABLE XIV—Continued

BIOLOGICAL PRODUCTS—MONTHLY DISTRIBUTION—Continued

MONTHS	ANTI-MENINGOCOCCUS SERUM				SMALLPOX VACCINE						RABIES VACCINE		PERTUSSIS VACCINE	
	20 cc. Vials	Cost	Out-fits	Cost	2 tubes per pk. Pkgs.	Cost	5 tubes per pkg. Points	Cost	10 tubes per pkg. Points	Cost	Treat-ment	Cost	6 cc. Vials	Cost
1939		$ c		$ c		$ c		$ c		$ c		$ c		$ c
April	178	222 50	30	51 00	689	96 46	2,130	111 83	5,700	256 50	......	....	....	....
May	136	170 00	22	37 40	588	82 32	2,090	109 73	7,870	354 15	1	6 00	....	....
June	53	66 25	16	27 20	849	118 86	2,350	123 38	6,140	276 30	13	78 00	....	....
July	79	98 75	29	49 30	640	89 60	1,795	94 24	3,160	142 20	2	12 00	....	....
August	59	73 75	6	10 20	836	117 04	2,585	135 71	6,060	272 70	8	48 00	....	....
September	90	112 50	24	40 80	1,152	161 28	4,265	223 91	19,090	859 05	21	126 00	....	....
October	131	163 75	21	35 70	749	104 86	2,780	145 95	16,240	730 80	70	420 00	930	651 00
November	135	168 75	21	35 70	594	83 16	1,620	85 05	8,630	388 35	30	180 00	2,400	1,680 00
December	41	51 25	12	20 40	468	65 52	1,455	76 39	7,810	351 45	......	....	1,000	700 00
1940														
January	57	71 25	14	23 80	593	83 02	1,400	73 50	6,790	305 55	......	....	1,500	1,050 00
February	124	155 00	21	35 70	563	78 82	2,105	110 51	9,300	418 50	......	....	2,000	1,400 00
March	98	122 50	12	20 40	653	91 42	1,725	90 56	11,070	498 15	5	30 00	2,500	1,750 00
Total	1,181	1,476 25	228	387 60	8,374	1,172 36	26,300	1,380 76	107,860	4,853 70	150	900 00	10,330	7,231 00

TABLE XV

BIOLOGICAL PRODUCTS—ANNUAL DISTRIBUTION—FISCAL YEAR 1939-40

DIPHTHERIA:			
Antitoxin	3,802 x 1M units vials at	$ .14 each	$ 532 28
	1,529 x 10M units vials at	1.20 each	1,834 80
	1,208 x 20M units vials at	2.40 each	2,899 20
	85 x 40M units vials at	4.80 each	408 00
Total			$ 5,674 28
Schick Test	4,581 Outfits at	.25 each	1,145 25
Toxoid	2,551 x 1 persons at	.20 each	510 20
	13,646 x 1 person at	.27½ each	3,752 65
	417 x 6 persons at	.80 each	333 60
	1,940 x 12 persons at	1.00 each	1,940 00
	750 x One 3 cc. vials at	.21 each	157 50
	1,772 x Six 3 cc vials at	1.12 each	1,984 64
	3,886 x Six 6 cc vials at	1.75 each	6,800 50
	81 Diluted for Reactors at	.20 each	16 20
	469 Diluted for Reactors at	.25 each	117 25
	707 Reaction Test at	.10 each	70 70
Total			$ 16,828 49
TETANUS:			
Antitoxin	42,897 x 1,500 units vials at	$ .39 each	$ 16,729 83
	1,364 x 10,000 units vials at	2.00 each	2,728 00
	160 x 20,000 units vials at	3.75 each	600 00
Intraspinal Outfits	114 x 10,000 units and outfits at	2.35 each	267 05
Total			$ 20,324 88
SCARLET FEVER:			
Antitoxin	9,091 prophylactic doses at	$ .75 each	$ 6,818 25
	4,109 treatment doses at	2.75 each	11,299 75
Total			$ 18,118 00
Dick Test	8,002 Outfits at	.25 each	$ 2,000 50
Toxin	8,753 x 1 person at	.30 each	2,625 90
	5,839 x 6 persons at	1.00 each	5,839 00
Total			$ 10,465 40
MENINGOCOCCUS:			
Anti-Serum	1,181 x 20 cc vials at	1.25 each	1,476 25
Intraspinal Outfits	228 x 20 cc vials at	1.70 each	387 60
Total			$ 1,863 85
SMALLPOX:			
Vaccine	8,374 x 2 point packages at	$ .14 per pkg.	$ 1,172 36
	26,300 points (5 pt. pkg.) at	52.50 per M Pts.	1,380 76
	107,860 points (10 pt. pkg.) at	45.00 per M Pts.	4,853 70
Total			$ 7,406 82
RABIES:			
Vaccine	150 treatments at	$ 6.00	900 00
PERTUSSIS:			
Vaccine	10,330 x 6 cc vials at	$ .70	$ 7,231 00

BIOLOGICAL PRODUCTS AND INSULIN—Continued

SUMMARY OF ANNUAL DISTRIBUTION—COSTS	
Diphtheria Products	$ 22,502 77
Tetanus Products	20,324 88
Scarlet Fever Products	28,583 40
Meningococcus Products	1,863 85
Smallpox Products	7,406 82
Rabies Products	900 00
Pertussis Products	7,231 00
Cost of Biological Products	88,812 72
Plus Cost of Syringes ($617.00)	88,829 72
Less Sale of Syringes ($617.00)	88,812 72

TABLE XVI

SUMMARY OF ANNUAL DISTRIBUTION—FISCAL YEAR 1939-40

Product	Cost
Biological Products—Gross Cost	$ 89,429 72
Insulin—All types—Cost	60,805 00
Total Cost	$ 150,234 72
Less Sale of Biological Syringes ($617.00)	$ 149,617 72

TABLE XVII

COMPARATIVE STATEMENT OF COSTS—1938-40

COSTS OF DISTRIBUTION BY FISCAL YEARS			1939-40 Increase or Decrease over Previous Year 1938-39
A—BIOLOGICAL PRODUCTS	1939-40	1938-39	
(a) ACTIVE IMMUNIZATION:			
Diphtheria Toxoid	$ 16,828 49	$ 17,741 00	$ 912 51*D
Scarlet Fever Toxin	10,465 40	9,079 20	1,386 20* I
Smallpox Vaccine	7,406 82	9,160 12	1,753 30 D
xPertussis Vaccine	7,231 00		7,231 00 I
Rabies Vaccine	900 00	283 50	616 50 I
Total	$ 42,831 71	$ 36,263 82	$ 6,567 89 I
(b) PASSIVE IMMUNIZATION:			
1. Prophylactic size package—			
Diphtheria Antitoxin	$ 532 28	$ 473 34	$ 58 94 I
Tetanus Antitoxin	16,729 83	18,479 70	1,749 87 D
Scarlet Fever Antitoxin	6,818 25	7,914 00	1,095 75 D
Total	$ 24,080 36	$ 26,867 04	$ 2,786 68 D
2. Treatment size package—			
Diphtheria Antitoxin	$ 5,142 00	$ 6,082 80	$ 940 80 D
Tetanus Antitoxin	3,595 05	4,174 65	579 60 D
S. F. Antitoxin	11,299 75	13,125 75	1,826 00 D
Anti-Anthrax Serum		7 00	7 00 D
C. S. M. Serum	1,863 85	1,681 50	182 35 I
Total	$ 21,900 65	$ 25,071 70	$ 3,171 05 D
Syringes	617 00	812 40	195 40 D
Total	$ 89,429 72	$ 89,014 96	$ 414 76 I
B. INSULIN:	$ 60,805 00	$ 60,491 00	$ 314 00 I
Biological Products and Insulin—Total Cost	$ 150,234 72	$ 149,505 96	$ 728 76 I

xPertussis Vaccine distributed only from Oct. 25, 1939-Mar. 31, 1940.

*D—Decrease, I—Increase.

TABLE XVIII

ANNUAL DISTRIBUTION OF TUBERCULIN (CALENDAR YEAR 1940)

No. of private physicians supplied with tuberculin	660
No. of Hospitals supplied with tuberculin	110
No. of Sanatoria supplied with tuberculin	9
No. of Clinics (non-Departmental) supplied with tuberculin	26

TABLE XIX

ANNUAL DISTRIBUTION OF TUBERCULIN—BY AMOUNT DISTRIBUTED (CALENDAR YEAR, 1940)

Type	1 cc. Vials		5 cc. Vials		Total	
	No.	Contents (cc.)	No.	Contents (cc.)	No. of Vials.	Contents (cc.)
No. 1 Solution	1,873	1,873	1,846	9,230	3,719	11,103
No. 2 Solution	1,015	1,015	....	....	1,015	1,015
Total	2,888	....	1,846	....	4,734	14,118

TABLE XX

ANNUAL DISTRIBUTION OF TUBERCULIN—BY COST (CALENDAR YEAR—1940)

Type	No. of Vials	Cost per Vial	Total Cost
No. 1 Sol (1cc.)	1,873	$0.30	$ 561.90
No. 1 Sol. (5cc.)	1,846	.95	1,753.70
No. 2 Sol. (1cc.)	1,015	.35	355.25
Total	4,734	....	$2,670.85

TABLE XXI

COMPARATIVE STATEMENT—TUBERCULIN DISTRIBUTION AND COST 1938—1940

Type	1939 March–Dec.		1940 Jan.-Dec.		Increase or Decrease Cost
	Vials	Cost	Vials	Cost	
No. 1 Sol. (1cc.)	2,335	$ 700.50	1,873	$ 561.90	$138.60*D
No. 1 Sol. (5cc.)	1,164	1105.80	1,846	1753.70	647.90 I
No. 2 Sol. (1cc.)	735	257.25	1,015	355.25	98.00 I
Total	....	2063.55	....	2670.85	$607.30 I

*D—Decrease; I—Increase.

TABLE XXII

PERTUSSIS VACCINE—MONTHLY DISTRIBUTION 1939—1940

Months	No. of Vials	Cost
	1939	
October	930	$ 651.00
November	2,400	1,680.00
December	1,000	700.00
1939 Total	4,330	$ 3,031.00
	1940	
January	1,500	$ 1,050.00
February	2,000	1,400.00
March	2,500	1,750.00
April	2,000	1,400.00
May	2,000	1,400.00
June	2,000	1,400.00
July	1,000	700.00
August	2,500	1,750.00
September	3,000	2,100.00
October	3,000	2,100.00
November	2,000	1,400.00
December	2,500	1,750.00
1940 Total	26,000	$18,200.00
1939-40 Total	30,330	$21,231.00

TABLE XXIII

COMPARATIVE STATEMENT SHOWING COST OF BIOLOGICAL PRODUCTS AND INSULIN, 1926-1940

Fiscal Year	Diphtheria		Scarlet Fever		Tetanus Antitoxin	Anti-meningococcus Serum	Anti-Anthrax	Smallpox Vaccine	Rabies Vaccine	Pertussis Vaccine	Biological Totals	Insulin	Total Cost
	Antitoxin	Toxoid	Antitoxin	Toxin									
	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c	$ c
1926–27	40,747.00	14,343.20	23,159.50	4,659.00	9,322.05	1,578.35	....	8,212.58	585.00	....	102,605.68	46,567.10	149,172.78
1927–28	35,407.02	10,427.40	20,595.50	3,483.70	10,518.00	1,632.40	....	13,711.73	4,728.59	....	100,504.34	48,943.60	149,447.94
1928–29	41,027.72	9,771.80	21,063.75	3,319.50	14,022.00	3,588.45	....	7,144.60	2,000.25	....	101,968.57	55,727.48	157,696.05
1929–30	46,784.30	9,486.40	34,031.45	5,287.30	15,171.75	3,452.15	....	7,892.65	1,638.00	....	123,744.00	62,728.16	186,472.16
1930–31	36,696.96	14,113.40	32,589.15	5,498.90	17,092.50	2,594.85	....	6,300.03	819.00	....	117,704.79	71,291.82	188,996.61
1931–32	27,217.73	20,874.16	22,115.82	4,316.25	17,872.34	2,526.48	....	4,495.83	411.07	....	99,829.68	84,367.15	184,196.83
1932–33	12,698.80	16,175.84	19,451.68	3,987.15	16,411.01	1,692.24	....	3,719.20	937.65	....	75,073.57	94,274.28	169,347.85
1933–34	12,797.38	14,482.68	27,971.97	5,287.77	19,529.70	1,593.75	....	5,617.34	418.95	....	87,699.54	102,517.65	190,217.19
1934–35	* 5,077.50	5,886.20	14,203.20	3,069.70	6,266.40	569.40	7.00	2,638.75	94.50	....	37,212.65	44,517.45	81,730.10
1935–36	10,419.34	12,912.40	32,766.90	6,881.40	21,989.55	1,485.95	1.75	5,639.65	388.50	....	92,485.44	84,580.71	177,066.15
1936–37	8,576.36	14,783.40	23,867.25	6,745.50	20,715.15	1,760.95	10.50	5,342.98	252.00	....	82,054.09	60,252.04	142,306.49
1937–38	8,666.94	15,363.60	22,027.25	7,910.50	24,340.80	1,863.15	7.25	5,524.29	504.00	....	86,423.78	60,485.12	146,908.90
1938–39	6,556.14	17,741.00	21,039.75	9,079.20	22,654.35	1,681.50	7.00	9,160.12	283.50	....	88,202.56	60,491.00	148,693.56
1939–40	5,674.28	16.828.49	18,118.00	10,465.40	20,324.88	1,863.85	....	7,406.82	900.00	7,231.00	88,812.72	60,805.00	149,617.72

*November 1934 toMarch 1935.

DIVISION OF VENEREAL DISEASE CONTROL

A. L. McKay, B.A., M.B., D.P.H., *Director.*

The Division of Venereal Disease Control which was re-established in April, 1939, has for the year 1940 now been in operation for the full calendar year. The change in the method of reporting of both syphilis and gonorrhoea which was established in December, 1939, has also been in operation for the full year. The number of cases reported by physicians, hospital superintendents, etc., has increased considerably during 1940. This cannot be taken as an increase in incidence, but rather in better co-operation existing in this regard with the profession, since the change of having all cases reported directly to the Division in the place of the former method when they were originally reported to the medical officers of health and only the summary reported to the Department.

The cases reported to the Division for the year 1940, are as follows:

Syphilis	4953
Gonorrhoea	4218

The number of cases reported by the old method for the previous three years was as follows:

Year	Syphilis	Gonorrhoea
1937	2415	3481
1938	3010	4188
1939	3285	4125

Three Year Average—1937-1939 (Ontario):

Syphilis	2909
Gonorrhoea	3931

Taking the prior three year average as being typical of reporting under the former system, we find there has been an increase in the reporting of syphilis of 70.6% and an increase in the reporting of gonorrhoea of 7.3%. This increase in the reporting of syphilis is most gratifying and would seem to indicate that the profession realize the importance of the problem and are willing to co-operate with the Department in their efforts of control. The reporting of gonorrhoea is, however, still far from being complete and it is to be hoped that an increase in interest in this important problem in public health will be made manifest in the near future.

During the year a Progress Report form was sent to the physicians reporting every case of syphilis within six to eight months after the original report was received. This consisted of a simple questionnaire with respect to the amount of treatment administered and the most recent serology in both blood and spinal fluid. An analysis of these returns revealed the fact that many cases lapsed before cure or even arrest of the disease was accomplished, and in other instances treatment has been discontinued by the physician on one negative report of blood serology and without examination of the spinal fluid before final discharge. More emphasis is now being placed on the treatment of early neurosyphilis in the asymptomatic stage. This phase of the report will be dealt with separately.

The so-called five day intravenous drip method of therapy similar to that published by Hyman et al, was first introduced in Ontario in the clinic at the Kingston General Hospital. This treatment is primarily intended for those suffering from early syphilis, i.e., in the primary or secondary stage. Further investigation in this method has been carried on at the Toronto General Hospital and final results will be reported later. The usefulness of this method in the control of early infectious syphilis is apparent to all.

Chemotherapy for gonorrhoea has now advanced to the point where no longer is the prolonged irrigation and topical application treatment carried out to any great extent except as a supplement. This is apparent in the great reduction in the number of irrigation treatments administered in the clinics as compared with the experience in the previous years. At the present time, sulphathiazole would appear to be the compound of choice but dagenan and even sulphanilamide are still being used successfully. Tryparsamide is now being more widely used with increased emphasis being placed on the treatment of neuro-syphilis both prior to and subsequent to the administration of fever therapy.

With large concentration of troops in various centres in the Province, assistance was offered the medical officers in charge to trace down and have placed under treatment the sources of infection who could be named by any member of the forces found to be recently infected with either syphilis or gonorrhoea. Not all such alleged sources could be located on account of the meagre description obtainable from the patient, but in many cases it was possible to do so and effectively control their movements and institute treatment. Where there was non-compliance with orders in respect to treatment, such persons were placed in custody and treated there. Partly as a consequence of these arrangements the incidence of infection amongst troops stationed in Ontario was markedly reduced as compared with the experience in the past War during the first year of mobilization. It is essential that this type of co-operation with the Division and the various military districts be maintained. At times this has been found to be difficult with frequently changing personnel amongst the medical officers. This work has been carried out in accordance with the Venereal Diseases Prevention Act and regulations by the medical officers of health of the municipalities concerned, with the Division acting as the clearing centre for all such correspondence.

Two new centres were approached during the year with respect to opening of new clinics, e.g., Cornwall and Timmins. Local arrangements are being completed in both instances. The enlistment amongst the staffs of the various clinics has left vacancies which have been filled temporarily for the duration of the war. We regret to have to record the resignation an account of increasing responsibilities in other fields of medicine, of Dr. E. F. Brooks, former Director of the Clinic at St. Michael's Hospital, Toronto.

The Division has continued to give some measure of advice re methods of treatment to the clinics and to physicians making enquiry in this regard. The pamphlet on syphilis was rewritten and is now available for general distribution. Municipalities without clinics have continued to be reimbursed for seventy-five per cent. of their costs of treatment and an increasing number of municipalities are now engaged in this branch of preventive and curative medicine. In unorganized districts the whole cost has been borne by the Division. The cost of this service by the Department for the calendar year was $4,706.50.

Following is given the statistics of the work carried out in the clinics in the Province.

There were 6,132 patients carried over from treatment during the previous year and 2,405 new patients admitted and 758 re-admitted patients and 777 previously treated patients, giving a total of 10,072 patients treated in the clinics during the year. The number of new cases was less than for the previous year and although there were over 500 more patients treated during 1939, there were more *treatments* given during 1940. This would indicate better and more regular attendance at the clinics, as during 1939 there was an average of 13.7 attendances and in 1940 there was an average of 14.7 attendances per patient. These figures are based on both syphilis and gonorrhoea. There were fewer new cases (never previously treated) in 1940 than in the previous year by 11%.

The classification of the new and previously treated patients by stage of the disease, i.e., early (primary and secondary) and all others classified as tertiary, showed that there were 137 more cases of early syphilis applying to the clinics for treatment. This is encouraging in that apparently more persons recognizing themselves to be infected and in a highly infectious state may be readily made non-infectious by early sustained treatment. There has been a general increase in the number of treatments for syphilis from 94,622 in 1939, to 113,217 in 1940, with a corresponding decrease in the number of treatments for gonorrhoea from 51,299 in previous year to 35,231 in 1940. This latter, of course, is largely due to the substitution of chemotherapy for local daily treatment. The increase in syphilis treatments reflects more regular attendance and also the continuous form of treatment now being used in the clinics.

The discharges from the clinics as apparently cured increased to 3,209, whereas in the previous year it was 2,411. It is also encouraging to note that only 993 were discharged from the clinics without permission (lost) which is 9.8% of the total clinic patients. This compared most favourably with clinics in other States and Provinces where the precentage of lost cases is much higher in many instances.

The work of the social service nurses in the clinics has increased during the past year. There were 1,040 individuals brought in for examination as suspected sources and contacts of new patients and of these 138 were found to be suffering from syphilis, and 108 from gonorrhoea. Treatment was supplied for these cases which otherwise might have gone on spreading their infection.

More cases were placed under the provisions of the Act and prosecuted for various breaches of conduct or of the Act than for many years previously. There has been a more rigid enforcement where necessary.

There was an increase in hospitalization of patients in the early infectious stages from 822 in previous year to 1,123 in the current year but hospitalization stay was shorter for this increased number of patients than previously as the average stay in 1939 was 14.0 days, whereas in 1940 it was 10.0 days, making a direct saving to the Division of $2.00 per patient, being the extra .50c per diem, which is paid hospitals in such cases. The five day form of treatment has been a factor in this reduction and should make further savings in the future as it is more widely adopted.

Another important item in the statistical report is an increase in the number of examinations of the cerebro-spinal fluid from 531 in 1939 to 1,606 in 1940. Increased interest on the part of the clinics in looking for early neurosyphilis has occasioned this three-fold increase in this type of examination.

The development of an outfit for collection of gonorrhoeal cultures has also materially assisted those physicians whose clinics are situated conveniently to a provincial laboratory. In the case of female patients particularly, this form of examination has proven of great value as a supplement to ordinary smear examinations.

The following is a statistical analysis of the work in the clinics for the year 1940:

Treatment for Syphilis:

Diarsenol	1,258
Novarsan	18,840
Mapharsen	20,824
Tryparsamide	4,877
Other Arsenicals	4,007
Mercury	2,346
Bismuth	50,255
Medicines	8,089
Other and advice	5,111

Treatment for Gonorrhoea:

Irrigations	20,593
Douche	843
Injections	2,606
Prostatic Massage	3,217
Instrumentation	710
Deep Instillation	586
Topical Applications	3,577
Vaccine	315
Examinations	4,499
Medicines, Sulphanilamide and Dagenan	4,713

Summary of Clinic Activities:

1. Number carried over from previous year	6,132
2. Number of new cases (never previously treated in clinic)	2,405
3. Number of cases re-admitted	758
4. Number of previously treated patients	777
5. Number of cases treated	10,072
6. Number of treatments	148,448
7. Number of contacts and sources examined	1,040
8. Number of visits made by nurses	5,047

Analysis of the above figures:

New cases (never previously treated in Clinic) 2,405

	Male	Female
Syphilis	534	429
Gonorrhoea	971	393
D. I	44	34

Number of cases re-admitted 758

	Male	Female
Syphilis	231	124
Gonorrhoea	283	73
D. I	25	22

Number of cases previously treated 787

	Male	Female
Syphilis	329	233
Gonorrhoea	143	54
D. I	11	7

Number of new and previously treated cases of syphilis classified 1,469

	Male	Female
Primary	231	85
Secondary	177	225
Tertiary	426	325

Number of new and previously treated cases of gonorrhoea classified 1,367

	Male	Female
Under 1 month	701	285
Under 2 months	84	70
Over 2 months	100	127

Number of paid treatments 148,448

	Male	Female
Syphilis	64,745	48,472
Gonorrhoea	23,471	11,760

Number of contacts and sources examined 1,040

Positive for Syphilis	138
Positive for Gonorrhoea	108

Number of children treatments 7,389

	Male	Female
Syphilis	2,315	4,548
Gonorrhoea	40	486

Number discharged from clinics 4,610

Number discharged apparently cured 2,411

	Male	Female
Syphilis	417	332
Gonorrhoea	1,096	441
D. I	84	41

Number discharged without permission 993

	Male	Female
Syphilis	339	148
Gonorrhoea	362	106
D. I	27	11

Number transferred 906

	Male	Female
Syphilis	389	224
Gonorrhoea	160	93
D. I	21	19

Social Histories taken in clinics 3,331

Cases referred by:—Doctors, 790; Self,1,061; Friends, 108; Hospitals, 411; Other Clinics, 345; Social Agency, 126; Department of Health, 241; Jails, 72; readmissions, 151; Police, 26.

Number of cases referred to M. O. H. 1,336

Sources	274
Contacts	134
Non-attendance	928

Number of cases placed under V. D. Act 262

Number of cases prosecuted under V. D. Act 76

Analysis by Age Groups of New Admissions 2,942

	Male	Female
Under 16 years	49	88
16–19 years	113	196
20–29 years	775	506
30–39 years	453	209
Over 40 years	411	142

Number of patients treated in hospitals where clinics are situated. . 1,123

	Male	Female
Syphilis	466	213
Gonorrhoea	195	249

Number of days in hospital 11,290

Laboratory Examinations:

	Positive	Negative
Syphilis:		
Blood	5,932	8,925
Cerebro Spinal Fluid	352	1,254
Darkfield	96	131
Gonorrhoea:		
Diagnosis	1,732	5,445
Prognosis	2,033	4,293

REPORT OF THE WORK ACCOMPLISHED AT THE PROVINCIAL CLINICS TO DECEMBER 31, 1940.

CLINIC	No. of hours over 105 Degrees	Total No. of Patients Treated				Cured	Improved		Unimp.		
		Ns.	S.	G.	O.	G.	Ns.	S.	Ns.	G.	O.
St. Michael's	1,350¼	26	......	5	1	5	12	......	14	......	......
Western	1,511½	34	......	2	......	2	18	......	14	......	......
Women's College	287¾	10	......	......	......	......	3	......	7	......	......
Kingston	762	16	2	38	2	28	8	2	8	10	2
London	1,758	31	......	21	8	18	17	....	14	3	......
Ottawa	376¼	17	......	16	......	......	......	....	......	......	......
Totals	6,046	134	2	82	11	53	58	2	57	13	2

Queen Street:—No. of hours over 105 degrees, 6229; No. of patients given fever, 152, of which 23 were patients of Ontario Hospital and 4 inmates of the Mercer Reformatory, who are at present on treatment, as well as 25 patients who had to discontinue treatment, before an adequate amount was given. 100 of these received adequate treatment. Of these, 9 were asymptomatic cases from the Mercer. 60 Ontario Hospital patients were discharged (14 women and 37 men being well enough to maintain themselves in the community) 20 showed no noticeable change and 3 were improved but were not sufficiently well to be allowed to leave hospital; 3 are ready for probation, 2 have died and 3 were worse following treatment.

Burwash:—No. of hours over 105 degrees, 1226; No. of patients given fever, 75, of which 14 were suffering from neurosyphilis, 19 from syphilis, 31 from gonorrhoea and 13 from other conditions. All cases of neurosyphilis and syphilis are improved. All cases of gonorrhoea were cured.

DIVISION OF MATERNAL AND CHILD HYGIENE

J. T. Phair, M.B., D.P.H., *Director.*

Despite the apparent failure to maintain the maternal death rate at the low level which was reached in 1938, (3.8 per 1000 living births), the rate for 1939 (4.4 per 1000 living births) cannot be considered as altogether unsatisfactory when the rates for the last 15 years are considered. Actually a critical review of the factors known to contribute to maternal mortality in this country forces the admission that the remarkably low figures for 1938 were not truly indicative of the progress made to date in our efforts to control deaths associated with maternity. There is, however, some evidence to support the contention that there is a downward trend in our maternal mortality rate in this province.

MATERNAL MORTALITY IN ONTARIO 1925-1939

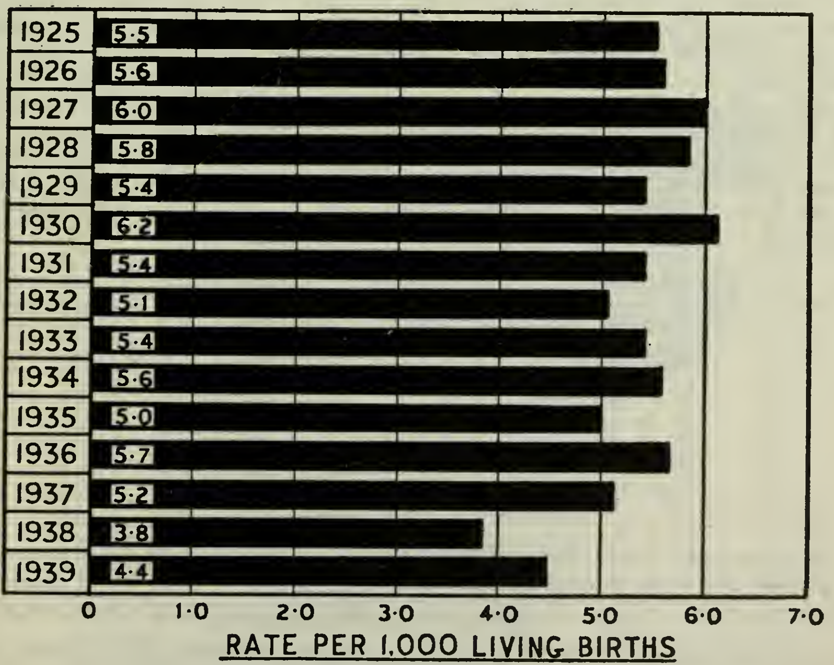


TABLE I

CAUSE OF DEATH	1933 to 1937		1938		1939	
	%	Rate	%	Rate	%	Rate
Abortion with sepsis	11.8	0.64	10.4	0.40	15.2	0.65
Abortion without sepsis	3.5	0.19	3.6	0.14	3.6	0.15
Ectopic gestation	3.7	0.20	4.4	0.17	3.9	0.17
Puerpural hemorrhage	11.4	0.61	8.8	0.34	13.8	0.59
Puerpural septicaemia	20.7	1.10	19.9	0.76	18.1	0.78
Puerpural albuminuria and eclampsia	18.9	1.01	17.9	0.69	15.2	0.65
Other toxaemias of pregnancy	5.3	0.28	3.6	0.14	4.7	0.20
Puerpural embolism, sudden death	10.7	0.57	16.3	0.63	15.9	0.69
Other accidents of childbirth	11.6	0.62	13.9	0.53	7.6	0.3
Other conditions	2.5	0.13	1.2	0.05	1.8	0.08

Analysis of the above table would indicate that the percentage of total deaths was higher from septic abortions, but practically the same as far as rate is concerned. While there was a material reduction in 1938 from puerpural hemorrhage, the percentage as well as the rates for 1939 show little change from the percentages and rates for the five years previous. It is gratifying to note that the percentage and the rate of deaths from puerpural septicaemia is maintained at the low level of 1938, a very considerable reduction over the previous five year average. This would appear to indicate the efficacy as well as the more general use of the newer chemo-therapy. Deaths from toxaemias remain practically the same throughout, although the emphasis would appear to be shifted from albuminuria and eclampsia to those forms of toxaemia which present more in the way of difficulty in their response to treatment. There is an apparent increase in such fatal causes as puerpural embolism, sudden deaths and phlegmasia alba dolens, etc., in the last two years over the previous five, the significance of which is difficult to assess. The relationship of age of the women who die as the result of pregnancy either directly or indirectly is of interest, the very young mother and those in the older brackets of the child-bearing period presenting the greatest hazards. This is shown by the following table of deaths over the last three years of pregnant women in each group per 1,000 living births in that age group.

TABLE II

Age group	Rate	
10–14 years	16.9	—(only one case in three years)
15–19 years	3.7	
20–24 years	2.8	
25–29 years	3.5	
30–34 years	4.9	
35–39 years	8.2	
40–44 years	10.25	
45 years	11.9	

Mothers aged 20-24 had 28% of the total births in Ontario in this three-year period and approximately 18% of the puerpural deaths—and mothers in their twenties had 56% of the total births and 40.5% of the puerpural deaths.

A similar report from the State of New York shows that for the same period the figures are somewhat higher, particularly in the puerpural fatality in these age groups.

Rates by cause of death in each age group over the last three years is shown below. This is based on the maternal deaths per 1,000 living births in each age group.

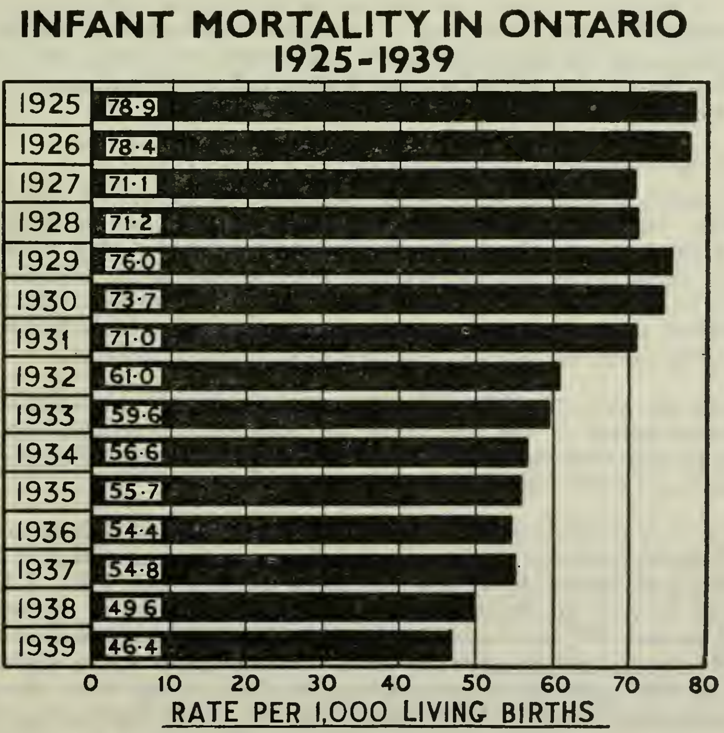
TABLE III

Cause	Age Groups—Rates							45 and over
	10–14	15–19	20–24	25–29	30–34	35–39	40–44	
Abortion with sepsis	....	.44	.48	.39	.64	1.02	.4	....
Abortion without sepsis	....	....	.07	.2	.13	.2	.7	....
Ectopic gestation	....	....	.06	.19	.1	.37	.4	....
Puerpural hemmorrhage	....	.19	.24	.4	.64	.9	1.5	2.9
Puerpural septicaemia	*16.9	1.0	.65	.67	.87	1.6	1.3	....
Puerpural albuminuria & eclampsia	....	1.4	.43	.48	.77	1.8	1.9	2.9
Other toxaemias of pregnancy	....	.25	.19	.19	.2	.37	.4	....
Puerpural embolism, sudden death	....	.13	.39	.46	.9	1.2	1.8	....
Other accidents of childbirth	....	.25	.2	.46	.5	.65	1.3	2.9
Other conditions	....	.06	.09	.07	.13	.09	.4	2.9

*Only one case.

Infant Hygiene:

If the maternal death rate used as an index of progression is not as encouraging as we had hoped, the same could not be said of the infant death rate for the year 1939, which is the last available figure. In 1938 for the first time in the history of the Province the rate was below 50, (49.6 per 1,000 living births), but for 1939 there is again a considerable reduction in that the rate is 46.4 per 1,000 living births. It is indeed gratifying to see the steady decline as evidenced in the following graph showing the rates over the last 15 years.



NOTE:—There has been a very slight decline in the stillbirth rate over the last fifteen years, but in 1939 there was a slight increase over 1938. (Rate in 1938 was 29.8 per 1,000 births, and in 1939 it was 30.6.)

With the reduction in the number of deaths of infants under one year of age, the loss of child life in the early months makes a more striking figure, in that it is noted that approximately 75% of all deaths of infants were under three months of age and some 60% under one month. These observations associated with the fact that 65% of all the infants deaths were attributed to prematurity, congenital malformation and other conditions peculiar to early infancy would indicate where the emphasis should be directed in our future efforts to lower the death rate in this age group.

The causes of death among infants over the last 20 years in five year periods is shown as follows expressed in terms of percentages of the total deaths in this age group.

TABLE IV

CAUSE	1920	1925	1930	1935	1939
Contagion	10.0	8.9	7.0	8.3	6.1
Respiratory diseases	12.4	11.6	11.3	11.6	11.5
Diarrhoea and Enteritis	18.0	13.9	16.3	7.9	7.6
Malformations	6.6	10.2	8.6	11.6	14.0
Prematurity	....	26.4	27.7	31.0	31.5
Birth Injury	....	4.9	5.6	8.4	8.7
Congenital debility and other diseases peculiar to infancy	43.9	12.7	12.2	11.7	10.2

It is of interest to note that whooping cough and influenza are still the highest causes of death in the group of contagious diseases, with a slight decrease in the number over the previous year for the former and a slight increase for the latter. It is hoped that with the more widespread use of pertussis vaccine this decrease will be more striking in the immediate future.

Pre-school age Children:

The extent of official interest in the health of pre-school age children is still limited. In view of the significance of this formative period in such matters as habit formation, social adjustment and such related health matters as nutrition and early correction of physical defects, the casual treatment of this group is to be regretted. While accidental causes still continue to be responsible for one-fifth of the deaths, it is encouraging to note that there has been a substantial falling off in the deaths from pneumonia and bronchitis.

During the year the Division co-operated with six municipalities in the medical examination of the pre-school age children. The Division also gave assistance in activities associated with the reception of war guests during the late summer and early fall of 1940.

With a view to discovering the incidence of simple goitre in certain sections of Grey County, a survey of the school children in the townships of Euphrasia and Glenelg and Markdale Village was made in May and June of 1940. Approximately 43% of the children seen showed some degree of thyroid enlargement, and in over 17% of those examined the degree of enlargement was found to be sufficient to justify some concern. While there was a slightly higher incidence of this condition found among girls than among boys, the difference was not as marked as might have been expected. Early adolescence seemed to be the age group most affected; apparently heredity plays a contributing part in the cause of epidemic goitre, judging from its familial incidence. The Department is concerning itself further with this situation.

At the request of the Department of Education, the Division again gave direction to the program for the medical examination of teachers-in-training in the various centres. As there has been considerable in the way of interest evinced in rheumatic heart disease in the younger age groups, it was felt that a review of the records of these students over the last six years would contribute substantially to our knowledge of the extent of this crippling condition among young adults. In all, reports of 8,660 students were studied. The average age was 20 years and nine months. 644 students or 7.4% gave either a history suggestive of rheumatic involvement or were found to have some cardiac abnormalty. This group was further subdivided into:

1. Those found with heart lesions and no history of contributing illness associated with it.
2. Those with history of rheumatic fever and a resulting heart lesion.
3. Those with a history of rheumatic fever but who on re-examination showed no sign of cardiac involvement.

PUBLIC HEALTH NURSING

EDNA L. MOORE, REG. N., *Chief Public Health Nurse.*

During the first three months the staff numbered sixteen—chief public health nurse, five supervisors, ten staff nurses. With the closing of the Eastern Ontario Health Unit at the end of March, three staff nurses were transferred to the Department office, one supervisor and three nurses joined the staff of the United Counties Health Unit, one nurse resigned and one was granted six months leave of absence. From April first to the end of the year, the public health nursing staff numbered ten.

In April a nurse was assigned to the 1937 Poliomyelitis Follow-up survey which included field visits to communities in which public health nursing services have not been established. A survey of public health nursing needs in a northern district was carried on in June, July, August and September, by a member of the staff who relieved in the Temiskaming district during November and December when the nurse who serves the area was away because of illness.

Assistance was given in the examination of Normal School and College of Education students. In August when British War Guests arrived nursing service was arranged for the medical examinations and several staff members participated, assisted by the Division of Nursing, Toronto Department of Public Health and a number of nurses who volunteered their services.

The supervisors made visits to 237 nurses in 107 centres. Of these 26 were nurses recently appointed. It is our policy to give to the introduction of public health nurses in new posts sufficient time to study the community needs and to discuss with those responsible the type of program that will make possible a service to meet the needs.

During the year 32 public health nursing positions were filled in municipalities outside the larger cities. Twenty-five of the employing agencies—mainly Boards of Health and School Boards—requested assistance in securing qualified personnel. Through our file of active applications we were able to put applicants and employers in touch with each other.

In April Oxford County initiated a school health service under the provisions of Section 91A of The Public Health Act. A committee was set up by the County Council and two public health nurses were engaged to initiate a programme in co-operation with the medical officer of health in each municipality. All school sections are included in the service, with the exception of Woodstock and Ingersoll where generalized public health nursing services are in operation. The plan of organization provides for additional nursing staff as the programme develops.

For years the town of Thorold and School Section 2 of Thorold Township carried on a combined school health service. In January this section joined with the other school sections in providing a service which covers the entire township. The Town of Thorold in September established a generalized public health nursing service. An office in the township building is shared by the municipal nurse and the Victorian Order Nurse who serves the town and surrounding district through a teaching bedside service.

The United Counties (Stormont, Dundas and Glengarry) Health Unit, was organized April first. The public health nursing personnel consists of a supervisor and eight staff nurses. The headquarters of the Unit are in Cornwall. Three members of the nursing staff use this office while five of the nurses assigned to outlying districts are established in the areas they serve.

Interest in the development of health services in secondary schools continues to increase.

When the Toronto Normal Model School opened in September a school health service was set up by the Department of Education. A physician and a public health nurse are engaged on a part time basis.

With the resignation of the public health nurse for the town of Elmira in March, the service lapsed during the remaining months of the year.

In connection with the War Emergency Course in Nutrition organized by the Canadian Red Cross Society, Ontario Division, in co-operation with the Canadian Medical Association and the Ontario Agricultural College, Guelph, letters were sent to all public health nurses employed by official agencies explaining the undertaking and asking that they give assistance to the local Red Cross Branches in the selection of suitable applicants.

Through the co-operation of Boards of Health, School Boards, Health Officers and Public Health Nurses, it was possible to plan a one-month period of field observation and practice for 17 graduate and 3 undergraduate students in public health nursing.

A short course in Administrative Problems in Public Health Nursing offered by the School of Nursing, University of Toronto, was attended by the Chief Public Health Nurse and the Supervisors. The visiting lecturer was Miss Marion Sheahan, Director of Public Health Nursing, New York State Department of Health. Two members of the staff attended a Refresher Course on Group Teaching.

Three folios of public health nursing information were prepared and distributed.

In July Miss Elizabeth L. Smellie, C.B.E., R.R.C., Reg.N., was appointed Matron-in-Chief for Canada, R.C.A.M.C. Miss Smellie who was granted leave of absence by the Victorian Order of Nurses for Canada to accept this responsible post, has consented to continue as our honorary consultant in public health nursing. In this capacity she has given generously of her time and from her wide experience and knowledge she has assisted in the solution of many problems.

During the year the Chief Public Health Nurse visited fifteen centres, including Fort William, Port Arthur and Cornwall, and addressed eighteen meetings with a total attendance of approximately 2,500.

Our work has been strengthened through the active co-operation of the Women's Institutes Branch, Department of Agriculture, and staffs of the Children's Aid and Mothers' Allowance Branches in the Department of Public Welfare.

The administration of public health nursing services and the teaching of nutrition and mental hygiene have received emphasis during the year and will continue to occupy a major place in our supervisory programme.

Direction was given to a programme of First Aid and Home Nursing sponsored by the Queen's Park War Service Guild.

DIVISION OF TUBERCULOSIS PREVENTION

G. C. Brink, M.B., *Director.*

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In 1940 there has been a general increase in the work of the Division, although the number of patients examined in the Provincial Travelling Clinics is somewhat less because the medical staff was called upon to do work not connected with its usual activities, and also because the Central and Fort William Clinics operated for only part of the year.

More than 61,000 examinations were conducted in the various chest clinics operated throughout the Province by (a) the sanatoria, including their extension clinics; (b) local boards of health; (c) the Associated Chest Clinics of the General Public Hospitals of the City of Toronto; and (d) the District Units and Travelling Clinics of the Department of Health of Ontario.

The Boards of Directors and medical staffs of all sanatoria, as well as the staffs of the permanent clinics, have given full co-operation.

During 1940 there has been an increase in the number of persons treated in sanatoria over any previous year, the total number being 6,230.

The number of ex-patients of sanatoria receiving pneumothorax refills has steadily increased. Ten additional pneumothorax centres were organized, bringing the total number to 56.

The total cost of post-sanatorium care to all municipalities was $173,200, of which the province reimbursed them $43,000 for pneumothorax refills. The province expended directly for post-sanatorium care $27,000, which includes the cost of organizing pneumothorax treatment centres.

In 1939 the tuberculosis mortality rate fell 13% to a new low of 28.9 per 100,000 population. The figures for 1940 are not yet available, but it is estimated that the decrease will be approximately 4%.

The fact that 213 persons died in Ontario in 1939 from pulmonary tuberculosis (in 178 of these, tuberculosis was given as the primary cause of death), and who had never had the benefit of sanatorium treatment, indicates the need for more extensive diagnostic and follow-up programmes and greater education of the public in respect to the necessity for segregation of the active infectious case of tuberculosis.

The activities of the Division of Tuberculosis Prevention consist of:

1. Operation of six travelling chest clinics.

2. Annual medical review of the record of all patients undergoing treatment in sanatoria.

3. Compilation of all financial statements and medical statistics of all sanatoria.

4. Payment of the maintenance charges of indigent tuberculous patients in sanatoria.

5. Supervision of the tuberculin testing and X-raying of all non-graduate and graduate nurses in all public and Red Cross Hospitals, hospitals for incurables and sanatoria; and all applicants to teacher training institutions.

6. Reimbursement to municipalities for money expended in payment to approved physicians carrying out pneumothorax refills on indigent and semi-indigent ex-patients of sanatoria.

7. Organization of new pneumothorax refill centres and arrangement for the training of selected physicians.

8. Assistance to the Indian Affairs Branch, Ottawa, in conducting tuberculosis surveys in Indian Residential Schools and Indian Reserves.

9. Supervision of tuberculosis surveys in the Industrial Schools of the province.

10. The recording of all known cases of tuberculosis in the province, both in and out of sanatoria.

11. Responsibility for the post-sanatorium care of ex-patients of sanatoria who have no municipal residence and those from unorganized territory.

12. Assistance in the admission of patients to sanatoria.

13. Co-relation of the activities of the various clinics and sanatoria.

14. Interpretation of X-ray films referred by many hospitals in the province.

15. Supervision of the issuing of free tuberculin to physicians, hospitals and clinics.

16. Co-operation with the other divisions of the Department and other Departments in the examination of applicants for appointments.

17. Two of the medical staff act on the medical advisory board of the Mothers' Allowance Commission.

PART I

REPORT OF THE WORK DONE BY THE TRAVELLING CHEST CLINICS

During 1940 Travelling Chest Clinics have operated with headquarters in Toronto, Ottawa, Belleville, Timmins and North Bay, and since September in Fort William.

Clinics were conducted in 85 centres. It should be noted that patients are referred from outside centres to each clinic headquarters when the staff is not travelling.

Toronto Unit—18 Clinics in 14 Centres.

Owen Sound (3 visits), Oshawa (2 visits), Hanover (2 visits), and one visit to each of the following: Peterborough, Ridgetown, Lindsay, Tillsonburg, Newmarket, Midland, Penetanguishene, Uxbridge, Wiarton, Kincardine and Chesley.

This clinic unit was not operating in July and September, being engaged in examination of refugee children. The staff of the Toronto Unit conducted clinics in Northwestern Ontario in January and February; these are credited to the Fort William Unit.

Ottawa Unit—30 clinics in 16 centres.

Ottawa (12 clinics), Brockville (2 visits), Pembroke (2 visits), Hawkesbury (2 visits) and one visit to each of the following: Carleton Place, Prescott, Arnprior, Rockland, Smiths Falls, Casselman, Eganville, Renfrew, Kemptville, Plantagenet, Perth and Almonte.

Belleville Unit—28 clinics in 16 centres.

Belleville (12 clinics), Peterborough (2 visits) and one visit to each of the following: Picton, Port Hope, Deseronto, Marmora, Stirling, Tweed, Havelock, Campbellford, Bancroft, Haliburton, Cobourg, Madoc, Wellington and Napanee.

Timmins Unit—17 clinics in 8 outside centres.

Clinics in Timmins 3 days each week, when staff not travelling. Hearst (2 visits), Kapuskasing (2 visits), Moonbeam (2 visits), Smooth Rock Falls (3 visits), Cochrane (2 visits), Iroquois Falls (2 visits), Englehart (2 visits), Larder Lake (2 visits).

North Bay Unit—37 clinics, 20 centres.

North Bay (12 clinics), Sudbury (3 visits), Sault Ste. Marie (3 visits), Mattawa (2 visits), Sturgeon Falls (2 visits), and one visit to each of the following:—Chapleau, Verner, Capreol, Blind River, Mindemoya, Gore Bay, Little Current, Parry Sound, Manitowaning, Burks' Falls, Huntsville, Richard's Landing, Thessalon, Hornepayne, Foleyet.

**Fort William Unit—19 clinics in 11 centres.*

Fort Frances (2 visits), Rainy River (2 visits), Kenora (2 visits), Dryden (2 visits), Sioux Lookout (2 visits), Nipigon (2 visits), Nakina (2 visits), Armstrong (2 visits) and one visit to each of the following:—Emo, Schrieber and Geraldton.

*This clinic was only operating for five months of the year.

Table I, General summary.

Tables II, III and IV give details in respect to newly discovered cases of tuberculosis.

Tables V and VI give details in respect to persons recommended for sanatorium treatment.

Table VII gives details regarding changes in diagnoses made in repeat examinations.

Table VIII gives details regarding the present condition of ex-sanatorium patients examined at the clinics.

Table IX gives the classification of non-tuberculous chest conditions in persons examined at the clinics.

TABLE I

SUMMARY OF CLINIC WORK

FINDINGS		Toronto	Ottawa	Belle-ville	Tim-mins	North Bay	Fort William	TOTALS
1. Pulmonary Tuberculosis	1st Ex.	84	90	93	82	85	48	482
	Repeat	245	287	247	291	357	143	1570— 2052
(a) Active	1st Ex.	22	29	37	52	46	14	200
	Repeat	27	16	28	31	86	20	208— 408
Inactive	1st Ex.	62	61	56	30	39	34	282
	Repeat	218	271	219	261	271	123	1363— 1645
(b) Newly discovered	1st Ex.	39	53	56	56	46	27	277
	Repeat	8	21	18	10	12	6	75— 352
Already known	1st Ex.	45	37	37	26	39	21	205
	Repeat	237	266	229	281	345	137	1595— 1800
(c) Childhood	1st Ex.	2	5	7	2	5	5	26
(all types)	Repeat	7	28	17	49	29	17	147— 173
Minimal	1st Ex.	43	44	47	36	34	24	229
	Repeat	94	168	112	116	166	55	711— 940
Moderately advanced	1st Ex.	30	28	24	27	27	14	150
	Repeat	117	82	92	91	108	55	545— 695
Advanced	1st Ex.	9	13	14	17	19	5	77
	Repeat	27	9	26	36	54	16	168— 245
2. Extra Pulmonary Tuberculosis	1st Ex.	6	2	3	6	2	3	22
	Repeat	3	4	1	2	1	4	15— 37
3. Suspected Tuberculosis	1st Ex.	5	4	18	4	15	7	53
	Repeat	1	16	10	13	10	3	53— 106
4. Recommended for Sanatorium	1st Ex.	22	27	42	49	39	15	194
	Repeat	23	14	26	23	60	21	167— 361
5. Non-Tuberculous Chest Disease	1st Ex.	64	60	84	48	32	14	302
	Repeat	23	63	55	29	38	12	220— 522
6. No disease	1st Ex.	756	713	1037	1560	1126	455	5647
	Repeat	568	597	467	824	708	421	3585— 9232
7. Number Individuals Examined		1666	1703	1848	2704	2230	971	11122
8. Number pneumothorax refills given		0	18	357	340	93	0	808
9. Totals	1st Ex.	915	869	1235	1700	1260	527	6506
	Repeat	840	967	780	1160	1114	583	5444—11950
10. Total Number of Examinations		1755	1836	2015	2860	2374	1110	11950

TABLE II

1st—1st Examination.
R.—Repeat Examination.

CLASSIFICATION OF NEWLY DISCOVERED CASES—TOTAL 352

Age Groups	Totals		History of Contact	Childhood				Minimal				Moderately Advanced				Advanced				Extra Pulmonary			
				Act.		Inactive		Act.		Inactive		Act.		Inactive		Act.		Inactive		Act.		Inactive	
	1st	R.		1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.
0 to 4	6	6	+	5	2	....	4	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	1	0	—	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5 to 9	16	3	+	5	....	4	2	2	....	3	....	2	1	....	....	....	....	....	....	....	....	....	....
	1	1	—	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....
10 to 14	12	6	+	2	1	2	....	2	1	....	3	3	1	....	....	3	....	....	....	....	....	....	....
	4	1	—	....	....	....	....	2	....	....	1	2	....	....	....	....	....	....	....	....	....	....	....
15 to 19	11	8	+	....	....	....	....	6	5	....	2	2	....	....	....	2	1	....	....	Gland 1	....	....	....
	9	3	—	....	....	....	....	6	2	1	....	1	....	....	....	1	....	....	....	Gland 1	Hip 1	....	....
20 to 24	14	13	+	....	....	....	....	3	5	2	2	7	5	....	....	2	1	....	....	....	....	....	....
	20	9	—	....	....	1	....	3	2	3	3	3	4	....	....	9	....	....	....	....	....	....	....
25 to 29	11	5	+	....	....	....	....	2	1	4	3	....	1	....	....	5	....	....	....	....	....	....	....
	20	0	—	....	....	....	....	5	....	1	....	9	....	1	....	4	....	....	....	....	....	....	....
30 to 39	27	7	+	....	....	....	....	11	3	9	3	3	1	2	....	2	....	....	....	....	....	....	....
	38	3	—	....	....	....	....	8	1	16	1	6	....	2	....	6	1	....	....	....	....	....	....

TABLE II—Continued

1st—1st Examination.
R.—Repeat Examination.

CLASSIFICATION OF NEWLY DISCOVERED CASES—TOTAL 352

Age Groups	Totals		History of Contact	Childhood				Minimal				Moderately Advanced				Advanced				Extra Pulmonary			
				Act.		Inactive		Act.		Inactive		Act.		Inactive		Act.		Inactive		Act.		Inactive	
	1st	R.		1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.
40 to 49	12	2	+	....	....	....	....	....	1	11	1	1	....	....	....	....	....	....	....	....	....	....	....
	25	3	—	....	....	....	....	4	....	11	3	7	....	....	....	3	....	....	....	....	....	....	....
50 to 59	9	3	+	....	....	....	....	1	1	5	1	2	1	....	....	1	....	....	....	....	....	....	....
	16	0	—	....	....	....	....	2	....	6	....	6	....	2	....	....	....	....	....	....	....	....	....
60 to 69	3	0	+	....	....	....	....	....	....	2	....	....	....	1	....	....	....	....	....	....	....	....	....
	13	0	—	....	....	....	....	1	....	6	....	1	....	4	....	1	....	....	....	....	....	....	....
70 and over	4	0	+	....	....	....	....	....	....	2	....	1	....	....	....	1	....	....	....	....	....	....	....
	5	2	—	....	....	....	....	....	....	4	1	....	1	....	....	1	....	....	....	....	....	....	....
	277	75	178+ 174—	12 1	3 0	6 1	6 0	28 31	17 6	38 46	15 9	21 36	10 5	3 9	....	16 25	2 1	....	....	1 1	0 1	....	....
	352		....	13	3	7	6	59	23	86	24	57	15	12	....	41	3	....	....	2	1	....	....

Remarks on Table II:

1. 178 of the newly discovered cases gave a history of contact with tuberculosis, while 174 gave no history.

2. 160 or 45.5% of the newly discovered cases were recommended for sanatorium treatment.

3. Of the 178 cases of tuberculosis discovered in the contact group 106 or 59.5% attended the clinic because of contact only and with no symptoms.

TABLE III

TABLE SHOWING RELATION OF NUMBER OF NEW CASES OF TUBERCULOSIS DISCOVERED TO NUMBER OF CONTACTS EXAMINED

AGE GROUPS	Number Contacts Examined for First Time	Number Cases of Tuberculous Disease Discovered (Childhood Type not Included)	Percentage of Contacts Examined Showing Disease %
0 to 4	229	1	.43%
5 to 9	318	7	2.2%
10 to 14	320	8	2.5%
15 to 19	361	11	3.0%
20 to 24	437	14	3.2%
25 to 29	401	11	2.7%
30 to 39	557	27	4.8%
40 to 49	278	12	4.3%
50 to 59	143	9	6.3%
60 to 69	58	3	5.2%
70 and over	16	2	12.5%
Totals	3118	105	3.36%

A contact may be defined as any person who has lived in the same house or has been in close association at school, business or industry, with a person known to have tuberculous disease.

Remarks on Table III:

This Table indicates the necessity for examining contacts in the older age groups. Less than four per cent. of contacts show evidence of tuberculous disease. During the last two years there has been a marked decrease in the percentage of cases of tuberculous disease found in the contact group.

TABLE IV

SUMMARY OF NEWLY DISCOVERED CASES

CLASSIFICATION	Number	Percentage of Total %	Percentage of Number with Adult Type of Disease %
Pulmonary—			
Childhood type	29	8.2	....
Minimal	192	54.5	60.0
Moderately Advanced	84	23.9	26.2
Advanced	44	12.5	13.8
Extra-Pulmonary	3	.9	....
TOTAL	352	100.	100.

Remarks on Table IV:

Only 160 of the 352 newly discovered cases required sanatorium treatment; the remainder had disease which was considered inactive. In many instances the disease had been of long standing.

1st—1st Examination.

R—Repeat Examination.

TABLE V

CLASSIFICATION OF CASES RECOMMENDED FOR SANATORIUM TREATMENT—TOTAL 361

Age Groups	Totals		History of Contact	Childhood				Minimal				Moderately Advanced				Advanced				Extra Pulmonary Tuberculosis								Sus-pects	
				Active		Inactive		Active		Inactive		Active		Inactive		Active		Inactive		Pleurisy with Effusion		Aden-itis		Tbc. Hip		Tbc. Rib			
	1st	R.		1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.
0 to 4	5	2	+	3	2	....	....	1	..	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
	0	0	—	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
5 to 9	3	1	+	2	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	2	0	—	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
10 to 14	10	7	+	1	2	....	....	2	3	....	....	4	2	....	....	3	3	....	....	....	....	....	....	....	....	....	..	....	....
	4	1	—	....	....	....	....	2	1	....	....	2	....	....	....	...	....	....	....	....	....	....	....	....	....	....	....	....	....
15 to 19	12	16	+	....	....	....	....	6	6	....	....	3	7	....	1	2	2	....	....	....	....	1	....	....	....	....	....	....	....
	8	7	—	....	....	....	....	5	5	....	....	2	....	....	....	1	1	....	....	....	....	....	....	....	1	....	....	....	....
20 to 24	12	26	+	....	....	....	....	3	10	....	....	7	12	....	1	2	4	....	....	....	....	....	....	....	....	....	....	....	....
	23	13	—	....	....	....	....	5	4	....	....	6	9	....	....	11	....	....	....	....	....	....	....	....	....	1	....	....	....
25 to 29	11	14	+	....	....	....	....	1	2	....	....	2	10	....	....	7	2	....	....	....	....	....	....	....	....	....	....	1	....
	22	11	—	....	....	....	....	5	1	....	....	10	6	....	2	7	2	....	....	....	....	....	....	....	....	....	....	....	....
30 to 39	18	14	+	....	....	....	....	8	5	2	1	4	3	....	....	3	5	1	....	....	....	....	....	....	....	....	....	....	....
	21	14	—	....	....	....	....	8	2	....	....	5	5	....	1	8	5	....	....	....	1	....	....	....	....	....	....	....	....

1st—1st Examination.

R—Repeat Examination.

TABLE V—Continued

CLASSIFICATION OF CASES RECOMMENDED FOR SANATORIUM TREATMENT—TOTAL 361

Age Groups	Totals		History of Contact	Childhood				Minimal				Moderately Advanced				Advanced				Extra Pulmonary Tuberculosis								Suspects	
				Active		Inactive		Active		Inactive		Active		Inactive		Active		Inactive		Pleurisy with Effusion		Adenitis		Tbc. Hip		Tbc. Rib			
	1st	R.		1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.	1st	R.
40 to 49	1	6	+	....	....	....	....	....	2	....	....	....	2	....	....	....	2	....	....	....	....	....	....	....	....	....	....	1	....
	17	14	—	....	....	....	....	4	2	....	1	7	8	....	1	5	2	....	....	....	....	....	....	....	....	....	....	1	....
50 to 59	5	5	+	....	....	....	....	2	....	....	....	3	4	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	12	13	—	....	....	....	....	2	....	....	....	7	4	1	1	1	8	....	....	1	....	....	....	....	....	....	....	....	....
60 to 69	0	0	+	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	5	3	—	....	....	....	....	1	....	....	....	....	....	....	....	3	3	....	....	....	....	....	....	....	....	....	....	1	....
70 and over	2	0	+	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
	1	0	—	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....
	194	167	170+ 191—	6 1	4 0	....	....	22 32	28 15	2 0	1 1	25 40	41 32	0 1	3 5	18 37	15 21	1 0	....	0 1	0 1	2 0	....	....	0 1	0 1	....	2 2	....
	361		....	7	4	....	....	54	43	2	2	65	73	1	8	55	36	1	....	1	1	2	....	....	1	1	....	4	....

Remarks on Table V:

This table shows the need for periodic re-examination of known cases of tuberculosis. Our records show that approximately 120 of the 167 cases recommended for sanatorium treatment in repeat examination were known cases of tuberculosis in which the disease had become active.

TABLE VI

SUMMARY OF ALL CASES RECOMMENDED FOR SANATORIUM TREATMENT

Classification	Number	Percentage of Total %	Percentage of Number with Adult Type of Disease %
Pulmonary—			
Childhood Type	11	3.0	....
Minimal	101	27.9	29.7
Moderately Advanced	147	40.7	43.2
Advanced	92	25.5	27.1
Pleurisy with Effusion	2	.6	....
Extra Pulmonary Tuberculosis	4	1.1	....
Suspects	4	1.2	....
Total	361	100.	100.

Remarks on Table VI:

There has been no appreciable change in the percentage of cases with minimal disease being recommended by our travelling clinics for sanatorium treatment during the last three years. This is thought to be due to the fact that approximately 50% of persons with undiagnosed active tuberculous disease are not conscious of being ill.

TABLE VII

CHANGES IN DIAGNOSIS ON REPEAT EXAMINATIONS

DIAGNOSIS AT CLINIC EXAMINATION—1940

		Total	No Change	No Disease	Suspects	Childhood		Minimal		Moderately Advanced		Advanced		Extra Pul.	Thickened Pleura	Pleurisy with Effusion	Other Non-Tuberculous Conditions
						Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive				
PREVIOUS DIAGNOSIS	No Disease	3561	3474	....	16	2	4	14	18	11	....	2	....	2	2	2	14
	Suspects	81	36	26	....	1	1	6	7	3	....	....	....	....	....	....	1
	Childhood—Inactive	139	120	17	....	1	....	1	....	....	....	....	....	....	....	....	....
	Childhood—Active	22	4	5	....	....	11	1	1	....	....	....	....	....	....	....	....
	Minimal—Inactive	632	575	26	1	....	....	9	....	12	3	2	....	....	2	....	2
	Minimal—Active	83	28	2	....	....	1	....	35	9	7	1	....	....	....	....	....
	Moderately Advanced—Inactive	441	418	4	....	....	....	1	3	17	....	8	....	....	....	....	....
	Moderately Advanced—Active	64	32	1	....	....	....	....	3	....	25	1	2	....	....	....	....
	Advanced—Inactive	115	110	....	....	....	....	....	....	....	1	4	....	....	....	....	....
	Advanced—Active	42	33	....	....	....	....	....	....	....	4	....	5	....	....	....	....
	Extra Pleural	13	12	....	....	....	....	1	....	....	....	....	....	....	....	....	....
	Thick. Pleura	62	41	12	....	....	1	2	2	2	....	....	....	....	....	1	1
	Pleurisy with Effusion	19	8	1	....	....	....	1	2	....	....	....	....	1	6	....	....
	Other Non-Tbc. Cond.	160	138	17	....	....	1	....	1	....	1	....	....	....	2	....	....

Remarks on Table VII:

1. Of 3,561 persons examined by our travelling clinics in some previous year and classified as having no disease, 55 or 1.5% developed some form of tuberculous disease.

2. Of 1,188 persons examined by our travelling clinics in some previous year and classified as having inactive adult type of disease, 53 or 4.4% had become reactivated.

3. Of 81 persons examined by our travelling clinics in some previous year and classified as suspects, 18 or 22.2% developed some type of tuberculous disease.

4. Of 161 persons examined by our travelling clinics in some previous year and classified as having childhood type of disease, only 3 or 1.8% had developed adult type of disease.

5. Of 715 persons examined by our travelling clinics in some previous year and classified as having minimal disease, in only 34 or 4.7% had the disease extended.

6. Of 440 persons examined by our travelling clinics in some previous year and classified as having moderately advanced inactive disease, 26 or 5.9% had become active.

7. Of 115 persons examined by our travelling clinics in some previous year and classified as having advanced inactive disease, 4 or 3.4% had become active.

TABLE VIII

CLASSIFICATION (on last examination) OF PATIENTS WHO HAD RECEIVED SANATORIUM TREATMENT—Total 792

Age Groups	Sex	No Tuberculous Disease	Suspect	Childhood		Minimal		Moderately Advanced		Advanced		Extra Pulmonary		Pleurisy with Effussion	Thickened Pleura	Asthma	Lung Abscess	Chronic Bronchitis	Pulmonary Fibrosis
				Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive						
0 to 4	M	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	F	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....
5 to 9	M	1	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	F	2	....	....	1	....	1	....	1	....	....	....	....	....	....	....	....	....	....
10 to 14	M	2	1	....	5	....	5	....	1	....	....	....	....	....	....	....	....	....	....
	F	2	....	....	3	....	5	....	....	....	....	....	....	....	....	....	....	....	....
15 to 19	M	2	....	....	....	....	13	....	7	....	1	....	1	....	....	....	....	....	....
	F	10	....	....	15	....	15	2	6	1	....	....	....	....	....	....	....	....	....
20 to 24	M	2	....	....	....	1	8	4	16	2	5	....	....	....	1	....	....	....	....
	F	3	....	....	1	1	28	3	17	2	2	....	....	....	1	....	....	....	....
25 to 29	M	6	....	....	2	....	15	3	22	2	8	....	1	....	....	....	....	....	....
	F	6	....	....	....	1	36	7	32	4	10	....	....	....	1	....	....	....	1
30 to 39	M	9	....	....	....	2	33	3	33	5	23	....	....	1	....	....	....	1	....
	F	11	....	....	2	1	57	2	49	6	8	....	1	....	1	2	....	....	....

TABLE VIII—Continued

CLASSIFICATION (on last examination) OF PATIENTS WHO HAD RECEIVED SANATORIUM TREATMENT—Total 792

Age Groups	Sex	No Tuberculous Disease	Suspect	Childhood		Minimal		Moderately Advanced		Advanced		Extra Pulmonary		Pleurisy with Effussion	Thickened Pleura	Asthma	Lung Abscess	Chronic Bronchitis	Pulmonary Fibrosis
				Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive	Active	Inactive						
40 to 49	M	4	....	....	....	....	12	5	33	2	17	....	....	....	....	....	....	....	....
	F	4	....	....	....	....	17	2	14	1	2	....	1	....	....	....	....	....	....
50 to 59	M	3	....	....	....	1	7	....	23	5	6	....	....	....	1	....	1	....	....
	F	1	....	....	....	....	4	1	9	....	1	....	....	....	....	....	....	....	....
60 to 69	M	1	....	....	....	....	....	....	6	3	1	....	....	....	....	....	....	....	....
	F	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....
70 and Over	M	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	F	....	....	....	....	....	....	....	....	1	2	....	....	....	....	....	....	1	....
Totals	792	70	1	....	18	7	258	32	270	34	86	....	4	1	5	2	1	2	1

Remarks on Table VIII:

1. 792 persons attended the clinics who had received treatment in sanatorium.

2. In 70 or 8.8% the disease by X-ray had cleared or become so well healed that it was not considered to be a factor at the present time.

3. Of the 710 with tuberculous disease still evident, 74 or 10.4% were considered to have active disease and in need of further sanatorium treatment; 636 or 89.6% were considered to have inactive disease.

TABLE IX

CLASSIFICATION OF NON-TUBERCULOUS CHEST CONDITIONS

(Excluding Pleurisy)

Pneumonia	64
Bronchiectasis	60
Asthma	53
Chronic Bronchitis	52
Cardio-vascular condition	35
Silicosis	22
Lung abscess	19
Cancer (provisional diagnosis)	11
Fungus infection	3
Pulmonary fibrosis	3
Syphilis of lung	1
Actinomycosis of pleura	1
Atelectasis	1
Spontaneous Pneumothorax	1
Substernal Goitre	1
Non-Tuberculous Infections of Undiagnosed Conditions	48
Total	375

CLINIC WORK AMONG TREATY INDIANS

739 Examinations were carried out on Treaty Indians, as follows:

(a) Complete surveys were made in 4 residential schools and a partial survey of one other school. Number of examinations	507
(b) Referred to the clinics in various centres	232
	739

TABLE X

RESULTS OF CLINIC EXAMINATIONS OF TREATY INDIANS—1940

	Number	Percentage of Total Examined %
Number of cases of active Tuberculosis	57	7.7
Number of cases of inactive Tuberculosis	63	8.5
Number of newly discovered cases of Tuberculosis	38	5.1
Number of cases recommended for sanatorium	54	7.3

TABLE XI
THE AVERAGE COST OF DISCOVERING A CASE OF TUBERCULOUS DISEASE ON FIRST EXAMINATION

(Based on average cost of $5.40 per clinic examination.)

Age Groups	No. First Exams.	Total Cost of Exams.	No Cases Tuberculous Disease Discovered	Average Cost per Case	No Cases Discovered requiring Sanatorium Treatment	Average cost of Discovering a Case requiring Sanatorium Treatment
0 to 4	294	$1,587.60	7	$226.80	6	$264.60
5 to 9	550	2,970.00	17	174.70	6	495.00
10 to 14	590	3,186.00	16	186.68	17	187.41
15 to 19	771	4,163.40	20	208.15	23	181.00
20 to 24	916	4,946.40	34	146.06	42	117.76
25 to 29	900	4,860.00	31	156.77	25	194.40
30 to 39	1,254	6,771.60	65	104.18	40	169.29
40 to 49	668	3,607.20	37	97.49	16	225.45
50 to 59	344	1,857.60	25	74.30	15	123.74
60 to 69	158	853.20	16	53.32	7	121.88
70 and Over	61	329.40	9	36.60	......	....
Totals	6,506	$35,132.40	277	$126.83	197	$178.34

TABLE XII
THE AVERAGE COST OF DISCOVERING A NEW CASE OF TUBERCULOUS DISEASE BY REPEAT EXAMINATION

(Based on average cost of $5.40 per clinic Examination.)

Number Repeat Examinations	3,849	
Cost of this Service		$20,784.60
Number of new cases of Tuberculosis discovered	75	
Average cost per case		$ 277.13
Number of cases recommended for sanatorium	47	
Average cost per case		$ 442.22

MISCELLANEOUS

1. 704 chest films have been interpreted in the central office for various agencies:—public hospitals, industrial schools, Home Service Training and schools.

2. 1,007 films were taken in the central office:—197 on applicants; 195 on special provincial police; 68 for the Mothers' Allowance Commission; 39 on ex-patients of sanatoria receiving aftercare from the Department; 15 on Civil Servants being examined for superannuation; 27 on soldiers discharged from the army because of chest findings; 67 on teachers in training; 20 on students in Home Service Training and industrial schools; 60 on nurses from hospitals with no X-ray facilities; and 319 on persons referred by physicians for examination and on Departmental staff.

3. A record has been kept of all soldiers and recruits (residents of Ontario) reported with tuberculous disease. The following is a summary:

(a) Number reported as being discharged or rejected because of tuberculous disease	418
(b) Number with inactive disease	246
(c) Number with active disease	172
(d) Number admitted to sanatorium	173
(e) Number discharged from sanatorium	71
(f) Number in sanatorium on December 31st, 1940	102

PART II

TUBERCULIN TESTING AND X-RAYING OF STUDENTS IN NORMAL SCHOOLS, THE COLLEGE OF EDUCATION AND THE TECHNICAL TEACHERS' TRAINING COLLEGE

The Division co-operated with the Department of Education in tuberculin testing and X-raying of students seeking admission to the above mentioned institutions.

Table XIII gives the result of this work.

TABLE XIII

	No. Enrolled	No. Tuberculin Tested	No. of Reactors	% of Reactors	No. X-Rayed	No. Showing Evidence Active Tuberculous Disease	% with Active Tuberculous Disease
Normal Schools	1158	1137	272	23.9	303	4	.34
College of Education	245	245	97	39.5	102	0	.0
Technical Teachers' Training College	16	0	......	....	16	0	.0

The average percentage of normal school students found with active pulmonary tuberculosis from 1936 to 1939 was .8%; in 1940 the precentage had decreased to .34%.

PART III.

The reports from the Public and Red Cross Hospitals, Homes for Incurables and Sanatoria for the calendar year 1940, show a decrease in the number and percentage of nurses developing tuberculous disease.

Of 3,490 graduate nurses 9 new cases of tuberculous disease were reported, or .26% of those employed; this being the lowest rate since the regulations in respect to this work came into effect in 1935.

The incidence of tuberculous disease found among graduate nurses in public hospitals has decreased 68% since 1935.

Of 5,475 non-graduate nurses, 23 or .42% new cases of tuberculous disease were reported. This also is the lowest rate so far recorded and is a decrease of 33% since 1935.

Of the total of 32 new cases of tuberculous disease reported, 24 were classed as minimal, 3 as moderately advanced, 1 as advanced, the remaining 4 as cases of pleurisy, primary infection (childhood type), and adenitis.

TABLE XIV

RECORD OF TUBERCULIN TESTING AND X-RAYING OF GRADUATE AND NON-GRADUATE NURSES IN PUBLIC AND RED CROSS HOSPITALS, HOSPITALS FOR INCURABLES AND SANATORIA, 1940.

	Institutions Reporting	No. Reported	No. Tuberculin Reactors	% Tuberculin Reactors	No. X-Rayed	No. Previously Known Cases TBc. Disease	No. Newly Discovered Cases TBc. Disease	% of Total with Newly Discovered TBc. Disease
Graduates	Public & Red Cross Hospitals	2756	2135	77.3	2030	26	6	.22
	Hospitals for Incurables	141	45	31.9	58	0	0	....
	Sanatoria	593	569	95.9	557	31	3	.50
	Totals	3490	2749	75.7	2645	57	9	.26
Non-Graduates	Public & Red Cross Hospitals	5162	2270	43.9	2642	7	23	.44
	Hospitals for Incurables	185	79	42.7	63	0	0	....
	Sanatoria	128	126	98.4	115	13	0	....
	Totals	5475	2475	45.5	2820	20	23	.42

NOTES:—1. All institutions listed above forwarded complete returns.

2. There is a slight discrepancy between the number of positive reactors among the graduates and the number X-rayed. Several left service before their X-ray was due.

GRADUATE NURSES

CLASSIFICATION OF DISEASE	DISPOSAL
1. Newly Discovered	
*1 Primary infection (childhood type), active.	Treated at home.
*5 Minimal, active	(a) 4 entered sanatorium.
	(b) 1 went home (Alberta).
3 Minimal, inactive	Remained on duty.

*Of the 9 newly discovered cases of tuberculosis 6 required treatment.

2. Previously Known	
43 Minimal, inactive	Remained on duty.
12 Moderately advanced, inactive	Remained on duty.
2 Advanced, inactive	Remained on duty.

NON-GRADUATE NURSES

CLASSIFICATION OF DISEASE	DISPOSAL
1. Newly Discovered:	
*1 Adenitis	Treated at home.
*1 Pleurisy with effusion	Entered sanatorium.
*1 Primary infection (childhood type), active	Treated at home.
*14 Minimal, active	(a) 12 entered sanatorium.
	(b) 1 treated at home.
	(c) 1 treated in hospital, later home.
2 Minimal, inactive	Remained on duty.
*3 Moderately advanced, active	(a) 2 entered sanatorium.
	(b) 1 treated at home.
*1 Miliary	Died in Hospital.

*Of the 23 newly discovered cases of tuberculosis 21 required treatment.

2. Previously Known.	
12 Minimal, inactive	Remained on duty.
6 Moderately advanced, inactive	Remained on duty.
* 1 Moderately advanced, active	Entered sanatorium.
1 Advanced, inactive	Remained on duty.

*Previously known case became active and required treatment.

PART IV

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH IN PERSONS DYING OF TUBERCULOSIS IN ONTARIO IN 1939

With the co-operation of the sanatoria the record of persons dying of tuberculosis in Ontario in 1939, who had received sanatorium treatment within five years of death, was obtained.

Table XV gives the summary of the findings for deaths from all forms of tuberculosis as well as for pulmonary only. A separate tabulation has been made for Indians, Whites, and Whites and Indians combined.

It will be noted that 62.1% of all persons dying of tuberculosis had been in sanatorium, while 70.6% of those dying of pulmonary tuberculosis had received sanatorium treatment. (If only the white population is counted these percentages are 66.9% for all forms and 75.2% for pulmonary only.)

Tables XVI, XVII, XVIII give the details re deaths from pulmonary tuberculosis in counties, districts, cities and towns.

Table XIX shows the analysis of those not treated in sanatorium in 1936 and 1939. In 1939 it will be noted that 60% of those dying of pulmonary tuberculosis without the benefit of sanatorium treatment, were over 50 years of age. That a lesser number of persons are dying of pulmonary tuberculosis without the benefit of sanatorium treatment is indicated by the fact that in 1939 there were 213 such persons (excluding Treaty Indians), as against 366 in 1936.

TABLE XV

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH IN PERSONS DYING OF TUBERCULOSIS IN ONTARIO IN 1939

Place of Residence	Whites and Indians					
	All Forms			Pulmonary Only		
	Number of Deaths	Number Treated in Sanatorium	%	Number of Deaths	Number Treated in Sanatorium	%
*Districts	170	69	40.6	132	65	49.2
*Counties	364	198	54.4	315	193	61.2
Cities and Towns, 5,000 and over	575	422	73.4	510	418	81.9
Totals	1109	689	62.1	957	676	70.6
			Indians			
*Districts	86	14	16.3	64	13	20.3
*Counties	22	5	22.7	18	5	26.6
Cities and Towns, 5,000 and over	0	......	......	0	......	......
Totals	108	19	17.6	82	......	21.9
			Whites			
*Districts	84	55	65.5	68	52	76.4
*Counties	342	193	56.4	297	188	63.3
Cities and Towns, 5,000 and over	575	422	73.4	510	418	81.9
Totals	1001	670	66.9	875	658	75.2

*Excluding Cities and Towns of 5,000 and over.

TABLE XVI

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH

In Persons Dying of Tuberculosis (Pulmonary Only) Ontario, 1939.
(Counties Exclusive of Cities and Towns of 5,000 and Over).

County	Pulmonary Tuberculosis Deaths			*Sanatorium Treatment			Per Cent. Treated in Sanatorium		
	Whites	Indians	Total	Whites	Indians	Total	Whites	Indians	Total
Addington	3	0	3	2	0	2	67	0	67
Brant	4	4	8	2	0	2	50	0	25
Bruce	4	2	6	3	0	3	75	0	50
Carleton	8	0	8	6	0	6	75	0	75
Dufferin	4	0	4	3	0	3	75	0	75
Dundas	6	0	6	3	0	3	50	0	50
Durham	3	0	3	3	0	3	100	0	100
Elgin	5	0	5	2	0	2	40	0	40
Essex	10	0	10	7	0	7	70	0	70
Frontenac	5	0	5	2	0	2	40	0	40
Glengarry	10	0	10	7	0	7	70	0	70
Grenville	3	0	3	2	0	2	67	0	67
Grey	10	0	10	7	0	7	70	0	70
Haldimand	4	0	4	1	0	1	25	0	25
Halton	6	0	6	1	0	1	17	0	17
Hastings	11	0	11	6	0	6	55	0	55
Huron	9	0	9	8	0	8	89	0	89
Kent	8	0	8	6	0	6	75	0	75
Lambton	6	4	10	5	1	6	83	25	60
Lanark	12	0	12	6	0	6	50	0	50
Leeds	7	0	7	4	0	4	57	0	57
Lennox	0	0	0	...	....	...	...	....	....
Lincoln	5	0	5	4	0	4	80	0	80
Middlesex	6	5	11	4	3	7	67	60	64
Norfolk	6	0	6	2	0	2	33	0	33
Northumberland	7	0	7	3	0	3	43	0	43
Ontario	4	2	6	4	1	5	100	50	83
Oxford	5	0	5	3	0	3	60	0	60
Peel	7	0	7	4	0	4	57	0	57
Perth	3	0	3	2	0	2	67	0	67
Peterborough	7	0	7	7	0	7	100	0	100
Prince Edward	6	0	6	2	0	2	33	0	33
Prescott	8	0	8	4	0	4	50	0	50
Renfrew	8	0	8	3	0	3	37	0	37
Russell	3	0	3	1	0	1	33	0	33
Simcoe	7	0	7	4	0	4	57	0	57
Stormont	7	1	8	6	0	6	86	0	75
Victoria	6	0	6	4	0	4	67	0	67
Waterloo	4	0	4	4	0	4	100	0	100
Welland	8	0	8	5	0	5	63	0	63
Wellington	12	0	12	8	0	8	67	0	67
Wentworth	1	0	1	1	0	1	100	0	100
York	39	0	39	27	0	27	69	0	69
Total	297	18	315	188	5	193	63.3	26.6	61.2

*Within 5 years of death.

TABLE XVII

HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH

In Persons Dying of Tuberculosis (Pulmonary Only) Ontario, 1939

(Districts Exclusive of Cities and Towns of 5,000 and Over).

DISTRICT	Pulmonary Tuberculosis Deaths			*Sanatorium Treatment			Per Cent. Treatment in Sanatorium		
	Whites	Indians	Total	Whites	Indians	Total	Whites	Indians	Total
Algoma	4	12	16	2	2	4	50	17	25
Cochrane	13	7	20	12	1	13	92	14	65
Haliburton	1	0	1	0	0	0	0	0	0
Kenora	2	5	7	1	1	2	50	20	29
Manitoulin	1	12	13	0	2	2	0	17	15
Muskoka	4	0	4	4	0	4	100	0	100
Nipissing	4	0	4	3	0	3	75	0	75
Parry Sound	4	5	9	4	2	6	100	40	67
Patricia	1	2	3	1	1	2	100	50	67
Rainy River	2	3	5	2	1	3	100	33	60
Sudbury	19	7	26	11	1	12	58	14	46
Temiskaming	7	0	7	6	0	6	86	0	86
Thunder Bay	6	11	17	6	2	8	100	18	47
Total	68	64	132	52	13	65	76.4	20.3	49.3

*Within five years of death.

TABLE XVIII
HISTORY OF SANATORIUM TREATMENT WITHIN FIVE YEARS OF DEATH
In Persons Dying of Tuberculosis, Ontario, 1939
(Cities and Towns, 5,000 Population and Over)

Cities and Towns	Tuberculosis Deaths		*Sanatorium Treatment		Per cent. Treated in Sanatorium	
	All Forms	Pulmonary	All Forms	Pulmonary	All Forms	Pulmonary
Barrie	1	1	1	1	100	100
Belleville	7	6	5	5	71	84
Brampton	0	0	....	....	......	......
Brantford	9	8	7	7	78	87
Brockville	3	3	2	2	67	67
Chatham	8	8	8	8	100	100
Cobourg	1	1	1	1	100	100
Collingwood	3	3	2	2	67	67
Cornwall	15	14	7	7	47	47
Eastview	4	3	2	2	50	67
Forest Hill	0	0	....	....	......	......
Fort Erie	0	0	....	....	......	......
Fort Frances	2	2	2	2	100	100
Fort William	12	9	10	8	83	89
Galt	3	2	2	2	67	100
Guelph	4	3	3	2	75	67
Hamilton	43	38	34	33	79	87
Hawkesbury	5	5	4	4	80	80
Ingersoll	2	1	1	1	50	100
Kenora	4	4	3	3	75	75
Kingston	15	15	14	14	93	93
Kirkland Lake	4	4	2	2	50	50
Kitchener	6	4	4	4	67	100
Leamington	3	3	3	3	100	100
Lindsay	1	1	1	1	100	100
London	21	21	18	18	86	86
Midland	0	0	....	....	......	......
Mimico	0	0	....	....	......	......
New Toronto	1	1	1	1	100	100
Niagara Falls	3	3	3	3	100	100
North Bay	9	8	8	8	89	100
Orillia	1	1	1	1	100	100
Oshawa	7	6	6	6	86	100
Ottawa	69	57	43	41	62	72
Owen Sound	5	4	2	2	40	50
Pembroke	1	1	1	1	100	100
Peterborough	4	4	4	4	100	100
Port Arthur	9	8	8	7	89	87
Port Colborne	1	1	1	1	100	100
Preston	1	1	1	1	100	100
Renfrew	0	0	....	....	......	......
Riverside	1	1	1	1	100	100
St. Catharines	4	2	3	2	75	100
St. Thomas	7	7	5	5	71	71
Sarnia	3	2	1	1	33	50
Sault Ste. Marie	7	6	4	4	57	67
Simcoe	2	2	1	1	50	50
Smith's Falls	0	0	....	....	......	......
Stratford	2	2	2	2	100	100
Sudbury	12	9	6	6	50	64
Swansea	4	4	1	1	25	25
Thorold	1	1	0	0	0	0
Timmins	17	15	15	15	89	100
Toronto	193	172	136	130	70	75
Trenton	0	0	....	....	......	......
Waterloo	0	0	....	....	......	......
Welland	1	1	1	1	100	100
Weston	1	1	0	0	0	0
Whitby	5	3	3	3	60	100
Windsor	28	28	28	28	100	100
Woodstock	0	0	....	....	......	......
Total	575	510	422	418	73.4	81.9

TABLE XIX

PERSONS (Excluding Indians) DYING FROM PULMONARY TUBERCULOSIS

Who Did Not Receive Benefit of Sanatorium Treatment

	Age Groups	0 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to	Not Known	Total
1936	Male	6	8	26	25	26	45	41	18	1	1	197
	Female	2	12	32	29	31	15	24	21	3	....	169
	Total	8	20	58	54	57	60	65	39	4	1	366
	Percentage of Total	2.1	5.4	15.8	14.7	15.5	16.4	17.8	10.6	1.	.2	
1939	Male	1	4	10	13	13	25	26	19	3	....	114
	Female	....	2	16	9	13	17	23	15	3	1	99
	Total	1	6	26	22	26	42	49	34	6	1	213
	Percentage of Total	.4	2.8	12.2	10.3	12.2	19.7	23.	15.9	2.8	.4	

PERSONS (Excluding Indians) DYING FROM PULMONARY TUBERCULOSIS

Who Did Not Receive Benefit of Sanatorium Treatment, Ontario, 1939

Age Groups	Pulmonary Tuberculosis Given as Primary Cause	Pulmonary Tuberculosis Given as Secondary Cause	Miliary of Lungs
0 to 9	1	....	....
10 to 19	6	....	....
20 to 29	24	2	....
30 to 39	20	2	....
40 to 49	22	4	....
50 to 59	32	10	....
60 to 69	41	6	2
70 to 79	26	8	....
80 and Over	5	1	....
Not Stated	1	....	....
	178	33	2

That the amendments to the Sanatoria for Consumptives Act which came into effect in 1938 have brought about a definite increase in the hospitalization of tuberculous patients, is well illustrated by Table XX, which shows what the municipalities would have paid if they had been hospitalizing their patients to the same extent as is now being done at the expense of the government.

TABLE XX

PAYMENTS FORMERLY MADE BY CERTAIN MUNICIPALITIES COMPARED WITH AMOUNTS THEY WOULD BE REQUIRED TO PAY FOR THE INCREASED HOSPITALIZATION OF PATIENTS IN SANATORIA AS NOW PERFORMED BY THE PROVINCE

*Counties	Average Expense To Municipalities 1935–1936	Expense Assumed By Province 1940
Brant	$ 3,411 00	$ 6,051 00
Bruce	12,847 00	13,602 00
Carleton	6,651 00	15,182 00
Dufferin	922 00	4,057 00
Elgin	6,118 00	6,555 00
Essex	30,950 00	35,913 00
Frontenac	110 00	5,784 00
Gray	5,630 00	11,361 00
Haldimand	7,984 00	8,567 00
Haliburton	1,355 00	2,427 00
Halton	2,867 00	4,549 00
Hastings	5,304 00	15,686 00
Huron	8,493 00	6,811 00
Kent	8,925 00	17,528 00
Lambton	7,727 00	9,775 00
Lanark	4,413 00	2,634 00
Leeds and Grenville	2,295 00	12,540 00
Lennox and Addington	1,127 00	5,204 00
Lincoln	4,165 00	8,880 00
Middlesex	15,263 00	13,941 00
Norfolk	7,864 00	11,257 00
Northumberland and Durham	11,628 00	17,967 00
Ontario	6,535 00	11,714 00
Oxford	5,379 00	5,175 00
Peel	6,595 00	6,541 00
Perth	3,077 00	9,956 00
Peterborough	2,679 00	10,503 00
Prescott and Russell	8,930 00	22,347 00
Prince Edward	1,387 00	3,490 00
Renfrew	5,226 00	22,551 00
Simcoe	26,127 00	33,177 00
Stormont, Dundas and Glengarry	22,264 00	68,231 00
Victoria	4,409 00	11,211 00
Waterloo	15,524 00	20,583 00
Welland	23,160 00	21,748 00
Wellington	7,568 00	8,199 00
Wentworth	8,139 00	6,018 00
York	62,072 00	73,688 00

*Excludes Cities and Separated Towns.

TABLE XX—(Continued).

CITIES	Average Expense To Municipalities 1935–1936	Expense Assumed By Province 1940
Toronto	$ 400,764 00	$ 374,540 00
Hamilton	107,128 00	74,296 00
Ottawa	70,661 00	85,794 00
Windsor	73,979 00	68,004 00
London	31,338 00	31,703 00
Kitchener	16,146 00	23,304 00
Brantford	22,293 00	14,794 00
St. Catharines	7,502 00	10,458 00
Kingston	9,017 00	19,530 00
Oshawa	6,609 00	7,479 00
Peterborough	6,140 00	17,273 00
Guelph	15,232 00	11,946 00
Fort William	9,828 00	16,362 00
Sault St. Marie	8,550 00	10,125 00
Sudbury	10,893 00	27,516 00
North Bay	3,905 00	10,579 00
Niagara Falls	4,101 00	7,142 00
Sarnia	6,191 00	7,804 00
Stratford	5,245 00	3,735 00
St. Thomas	6,301 00	6,128 00
Chatham	9,998 00	11,757 00
Belleville	2,145 00	5,140 00
Galt	7,113 00	10,208 00
Owen Sound	7,043 00	8,121 00
Woodstock	4,325 00	3,270 00
Welland	3,326 00	4,701 00
Port Arthur	9,334 00	10,203 00
SEPARATED TOWNS		
Brockville	1,767 00	5,493 00
Smiths Falls	1,212 00	2,948 00
Trenton	844 00	2,053 00
Ingersoll	627 00	2,294 00
St. Marys	912 00	1,098 00
Gananoque	27 00	448 00
Prescott	250 00	875 00

PART V

REPORT OF MEDICAL INSPECTION OF SANATORIA

During 1940, visits to various sanatoria by a physician from the Division were continued. It was the intention to visit each sanatorium during the year, but demands incident to the war effort curtailed the number of visits scheduled. The object of the visits was:—

(1) To review the history files and X-rays of all patients who were either in residence at the time of the visit or who had been admitted and discharged in the interval since the previous review. Information regarding the nature of investigation made, treatment applied and progress shown by the patient was recorded on suitable cards and filed for use in the head office.

(2) To see that only proven cases of tuberculosis are retained in sanatorium. When cases of suspected tuberculosis are referred to sanatorium for

investigation it is required that this investigation be completed as promptly as possible; and if tuberculosis is not proven, the patient either be discharged or, if necessary, transferred to a general hospital.

(3) To ensure that Provincial Aid is paid only for patients who are the responsibility of the Government. The following are excluded from the Provincial Grant:—

(a) Wards of the Indian Affairs Branch.

(b) Cases that are the responsibilty of the Workmen's Compensation Board.

(c) Non-residents of Ontario.

(d) Cases that are the responsibility of the Department of Pensions and National Health.

(4) To aid the sanatoria in bringing about the discharge of patients in which the place of residence is under dispute. This refers to the municipality responsible for post-sanatorium care.

(5) To act as liaison officer between the Division and sanatorium in discussing problems relating to enforcement of The Sanatoria for Consumptives Act.

(6) To ensure that nursing, laboratory investigation, medical and surgical care is maintained at a high standard.

During the year a total of 2,723 cases were reviewed. The following information was obtained:—

(a) The percentage of patients with pulmonary tuberculosis on whom pneumothorax was attempted in the different sanatoria varied from 64.1% to 31.%. The average for all sanatoria was 55.3%.

(b) The percentage of patients with pulmonary tuberculosis who were receiving pneumothorax treatment in the different sanatoria varied from 46% to 25.5%. The average for all sanatoria was 40.3%.

(c) All sanatoria are not equipped to treat tuberculosis surgically. When surgery is not available at the sanatorium and the patient requires it, the patient is transferred to the nearest sanatorium equipped to apply various surgical procedures. In four of the larger sanatoria, namely—Hamilton, London, Weston and Gravenhurst, the percentage of patients receiving one or more surgical procedures (excluding pneumothorax) varied from 65.3% in one sanatorium to 43.8% in another. On the average 54.9% of patients received one or more surgical procedures.

PART VI

REPORT OF THE ACCOUNTANT AND INSPECTOR OF SANATORIA

The need for dependable and comparable cost figures and statistics from sanatoria has long been felt by sanatoria themselves and by the Department. In July, 1938, the Department, through the Accountant of the Division of Tuberculosis Prevention, commenced a survey of the accounting methods and business procedure of sanatoria. The survey was completed in 1939.

In the light of this survey, and with the active co-operation of sanatoria, a uniform system of accounting for all sanatoria was developed during 1940. Although the new system entails many changes in present methods, it takes effect in all sanatoria from January 1st, 1941.

In conjunction with the adoption of the uniform system of accounting, a new set of financial returns and a new statistical report form were designed for use in sanatoria.

The new financial returns are calculated to summarize all information necessary for appraising the operations and financial positions of sanatoria and present a means of making a reasonable comparison of the affairs in each.

The new statistical report form is most valuable. It represents a uniform annual report which facilitates the compilation of collective statistics concerning staff, beds, treatment facilities, medical procedures, patient traffic and other information essential for the wise administration of sanatoria.

PART VII

REPORT UPON POST-SANATORIUM CARE OF EX-PATIENTS OF SANATORIA

The Division of Tuberculosis Prevention is responsible to arrange, provide and directly supervise the post-sanatorium care of those patients who were admitted to sanatoria from Unorganized Territory and those who were without Municipal Residence at the time of admission to sanatorium. There were 37 patients from Unorganized Territory and fifteen patients "Without Municipal Residence" discharged during the year whose after-care was potentially the responsibility of this Division, who did not require assistance because of sufficient personal funds, ability of family to provide, or whose chest condition was satisfactory for them to return immediately to suitable employment. The following table shows the number of ex-patients of sanatoria for whom the Division supplied post sanatorium care during the year 1940.

For purposes of comparison, the previous year's figures are shown in brackets:

Ex-Patients of Sanatoria from Unorganized Territory or Without Municipal Residence	No. Receiving Board and Lodging in Approved Homes	No. Receiving Assistance in Home of Relative	Total No. Receiving Board and Lodging in Own or Other Homes	Number Receiving Pneumothorax Refill Treatments
1. On after-care as at Dec. 31/39	28(10)	25(3)	53(13)	26(26)
2. Placed on after-care during 1940	37(30)	41(32)	78(62)	36(14)
3. Total receiving after-care during the year 1940	65(40)	66(35)	131(75)	62(40)
4. Discontinuance of after-care measures during the year 1940 because of the following:—				
I Assistance no longer required	23(8)	24(8)	47(16)	3(3)
*II Re-admitted to Sanatorium	11(4)	6(2)	17(6)	8(7)
III Against medical advice	2(0)	0(0)	2(0)	2(3)
5. On after-care as at Dec. 31/40	29(28)	36(25)	65(53)	†49(26)

*Includes one returning for surgery of suprapubic and perineal fistulae; one for treatment of ischio rectal abscess; one for discontinuance of pneumothorax under sanatorium supervision.

†Included in total number receiving pneumothorax refills, 24 are also in receipt of board and lodging in boarding home or assistance in home of relative; remaining 25 do not require such additional assistance.

From the table it may be noted that the number on after-care as at December 31st, 1939, is a definite increase over the number of one year previous, and the number added during 1940 is somewhat larger than the number added during 1939. Conversely, the number in which after-care was discontinued during 1940 because they no longer required it, was markedly increased over the year previous, while the number returning to sanatorium for treatment was approximately the same proportion of the total discontinuing after-care, for the two years under discussion. While the number on after-care as at December 31st, 1940, is only slightly larger than the number as at December 31st, 1939, as shown above, the number receiving benefits of this assistance during the year 1940 is considerably increased over the previous year.

Transportation to and from the pneumothorax centre, while not a costly item, is in some cases a very necessary one. This necessity varies from supplying city street car tickets to providing railway transportation of 120 miles round trip. Of the 49 patients receiving pneumothorax refills under supervision of this office, transportation to and from the treatment centre was provided for 24.

Arrangements are made for re-examination including chest X-rays, at intervals of three to six months, on persons who are in receipt of after-care from this Division. When it is determined by these routine examinations that such person no longer requires special assistance in so far as his chest condition is concerned, after-care is discontinued. In a number of these cases it is inadvisable that the ex-patient undertake work of a strenuous nature and when suitable employment is not immediately available, obviously such a person would then be eligible for ordinary welfare assistance, For persons who were resident in Unorganized Territory, such assistance, when requested of the Provincial Department of Welfare, is readily arranged. However, the arrangements for "relief" for persons who were without Municipal Residence at the time of admission to sanatorium present a greater problem, owing to the fact that a great many of these cases had been transients for many years and it is therefore difficult to place the responsibility for relief on any definite municipality. When difficulty in this regard is encountered, the matter is referred to the Provincial Department of Public Welfare. The latter Department then establishes the bonafide residence for relief purposes and arranges to provide relief if such is required. The close co-operation of this Department has, to a great extent, eliminated the difficulties that previously presented in such cases.

The Division of Tuberculosis Prevention in its administration of the Sanatoria for Consumptives Act is concerned with the responsibility of organized municipalities to provide adequate after-care assistance to ex-patients of sanatoria, who had established residence in such municipality at the time of their admission to sanatorium. During the year, a relatively small but definite number of cases have required investigation to determine the adequacy of the after-care being supplied by the municipalities concerned. The advisability and necessity for adequate after-care was indicated to these municipalities and in practically every case a satisfactory adjustment was made. This work by the central office entails a considerable amount of time-consuming investigation and correspondence.

This Division has assisted in bringing about settlement in numerous misunderstandings and controversies arising between municipalities in regard to the responsibility of supplying after-care to certain patients. These controversies are generally the result of a patient, after discharge, locating in a municipality other than the municipality of which he was previously a resident. The difficulties in this regard were two-fold; first, the municipality where the patient settled after discharge was reluctant to provide after-care, although according to the Act, Section 50, Subsection 4 they could recover the cost from the municipality of which he was previously a resident; second the municipality of which the patient was acknowledged as a resident, in some cases denied their responsibility to reimburse the municipality which had provided after-care. These controversies were settled satisfactorily.

During the year, a great deal of correspondence was necessary in order to convince some of the organized municipalities that it was their responsibility to acknowledge certain patients, at the time of admission to sanatorium, as residents of their municipality (and so acknowledge their responsibility for after-care, if such were needed), in compliance with the Sanatoria for Consumptives Act. Such municipalities, apparently not previously conversant with the Act, when shown their responsibility, acknowledged that responsibility.

Another function of this Division is a matter related to after-care, namely, the follow-up of patients leaving sanatorium without the approval of the superintendent. Patients under such circumstances, are usually not eligible for after-care. In a case where the home has been receiving Mothers' Allowance because the head of the house is suffering from tuberculosis, such allowance may be discontinued when he leaves sanatorium against advice. This office then writes the Medical Officer of Health of the municipality to which the patient was going, and the family physician, urging return of patient to sanatorium, when indicated. If the patient is known to be infective, this Division advises and approves compulsory hospitalization be carried out by the local Medical Officer of Health. In the cases of patients receiving pneumothorax refills, who leave against advice, the local Medical Officer of Health is advised as to the name and address of the nearest physician approved to give refills in case immediate return to sanatorium cannot be arranged.

Each municipality is required to pay the approved physician, clinic or hospital for pneumothorax treatments upon their indigent patients requiring these treatments following discharge, but the Provincial Department of Health through this Division reimburses the municipalities for the amounts they pay for the pneumothorax refills up to $3 per refill.

In view of the growing need for physicians approved to give these specialized treatments, the Division during 1940 arranged for the adequate training and approval of additional physicians. The existence of such treatment centres and the provision for these treatments throughout the Province makes possible the discharge of many patients who otherwise would remain in sanatorium. The following figures will give some indication of the extent of the pneumothorax programme in Ontario. In view of the fact that the present arrangement came into effect July 1st, 1938, and is therefore comparatively new, as a matter of interest the figures for 1939 are included in brackets for comparison.

For the Period	No. of Individuals Receiving Refills	No. of Refill Treatments Given	Payment made for Refill Treatments
Jan. 1/40—Dec. 31/40	978	14680	$43,218.98
(Jan. 1/39—Dec. 31/39)	(735)	(11080)	($31,556.15)

PART VIII

ANNUAL REPORT OF CHEST CLINICS CONDUCTED BY THE STAFFS OF PUBLIC HOSPITALS IN TORONTO FOR THE YEAR ENDING DECEMBER 31, 1940

	Hospital for Sick Children	Toronto General	St. Michael's	Toronto Western	St. Joseph's	Women's College	Total
Total number of new cases during year	653	422	612	439	200	86	2,412
Number of old cases and contacts	1,373	782	476	865	241	38	3,775
Grand Total	2,026	1,204	1,088	1,304	441	124	6,187
Total number examinations on old cases	1,296	3,152	3,328	6,397	1,165	175	15,513
Total number examinations on old contacts	1,942	316	134	710	166	28	3,296
Classification of new cases:—							
1. Pulmonary (a) Adult Type—							
Minimal—Active	....	4	1	9	....	....	14
Inactive	....	21	13	9	1	4	48
Moderately Advanced—Active	....	13	18	18	4	2	55
Inactive	....	60	40	37	....	....	137
Far Advanced—Active	1	14	22	10	1	....	48
Inactive	....	24	10	9	....	....	43
Pulmonary (b) Primary Type—							
Parenchymal	5	5	....	....	....	....	10
Tracheo-bronchial	8	1	1	....	....	....	10
Combined	1	....	....	....	....	....	1
2. Non-Pulmonary—Active	2	4	3	3	....	....	12
Inactive	12	6	2	....	14	....	34
3. Pleurisy—with Effusion	....	5	3	....	....	....	8
without Effusion	....	2	....	....	....	....	2
4. Suspects	64	56	19	118	37	16	310
5. Non-Tuberculous	92	78	412	132	35	50	799
6. Undiagnosed	365	106	53	75	54	11	664
7. No disease	103	23	15	19	54	3	217
Total	653	422	612	439	200	86	2,412
New Contacts Examined	395	126	49	146	10	8	734

PART IX

SANATORIUM STATISTICS

LABORATORY EXAMINATIONS IN SANATORIA DURING 1940

	Number
Chemical Laboratory	64,267
Bacteriology	64,300
Biochemistry	3,696
Pathology	5,164
Miscellaneous	415
	137,842

DIAGNOSTIC CLINICS STAFFED BY SANATORIUM PERSONNEL DURING 1940

	Patients Examined	X-Ray Films
Municipal Clinics	9,023	3,181
Sanatorium Clinics	7,859	10,963
Extension Clinics	15,674	6,777
	32,556	20,921

RADIOLOGY IN SANATORIA DURING YEAR 1940

X-Ray Examinations:	
Stereoscopic Chest	7,162
Single Chest	14,170
Spine and other bones and joints	3,430
Gastro-intestinal	1,652
Accessory nasal series	151
Orthodiagram films	8
Others	374
	29,046

ADMISSIONS TO SANATORIA BY AGE GROUPS DURING 1940

	Number	Percentage
9 years and under	116	4.0%
10–19 years	350	12.0
20–29 years	887	30.4
30–39 years	639	21.9
40–49 years	468	16.0
50–59 years	291	9.9
60–69 years	132	4.5
70 and over	37	1.3
	2,920	100.0%

APPLICATION OF SURGERY FOR TUBERCULOUS CONDITIONS IN SANATORIA DURING THE YEAR 1940

	No. of Patients having the Procedure	No. of Individual Operations Performed
Thoracoplasty	268	485
Extra-pleural pneumothorax (apicolysis)	51	53
Intra-pleural pneumolysis	412	446
Phrenic nerve operations	490	500
Rib-resections	6	6
Bronchoscopy	239	268
Pneumothorax attempted unsuccessfully (several attempts listed only as one)	348	348
Pneumothorax established (unilateral only)	887	887*
Pneumothorax established—bilateral (unilateral made bilateral)	120	120
Pneumoperitoneum	76	774
Spinal fusion operations	20	20
Arthrodesis operations	12	12
Ischiorectal operations	31	39
Nephrectomy	16	16
Epididymectomy, Orchidectomy, etc	3	3
Cauterization of larynx	33	33
Excision of tuberculous glands	9	9
Others	345	514
	3,366	4,533*

*Excludes routine pneumothorax refills.

FINANCIAL STATUS OF PATIENTS IN RESIDENCE IN SANATORIA AS AT DECEMBER 31st, 1940

	Number	% of Total
Payments by Patients:—		
No contribution (indigents)	2,910	86.0
$1.00 per week	3	.1
More than $1.00 to $2.00 per week	27	.8
More than $2.00 to $3.00 per week	32	.9
More than $3.00 to $4.00 per week	84	2.5
More than $4.00 to $5.00 per week	42	1.2
More than $5.00 to $10.00 per week	56	1.6
More than $10.00 to $11.00 per week	50	1.4
More than $11.00 per week	27	.8
	3,231	95.5
Infants born in sanatorium for whom the Province is paying $1.00 per day	2	.1
Patients paid for by Workmen's Compensation Board	25	.7
Patients paid for by Indian Affairs Branch	61	1.8
Patients paid for by Department of Pensions and National Health	47	1.4
Others for whom no contribution is received from Province	16	.5
	3,382	100.0%

SANATORIUM BEDS AS AT DECEMBER 31, 1940

	Number	Percentage of Average Occupancy
Permanent	3,624	93.8%
Contingency	97	
	3,716	

PATIENT DAYS DURING THE YEAR 1940

In Sanatoria	1,236,562
On Temporary Leaves of Absence	4,526
On Temporary Transfer to General Hospital:—	
Surgery for Pulmonary Tuberculosis	385
Other Purposes	889
	1,242,362

MOVEMENT OF SANATORIUM PATIENT POPULATION DURING 1940

In Residence December 31, 1939	3,310
Admitted to Sanatoria During 1940	3,177
Births in Sanatoria	11
Patients Treated During 1940 (Gross)	6,498
Deduct:—Transfers from one Sanatorium to Another	268
Patients Treated During 1940 (Net)	6,230
Patients Discharged During 1940	2,604
Patients Died	512
Patients in Residence at December 31, 1940	3,382
	6,498
Deduct:—Transfers from One Sanatorium to Another	264
	6,230

COMBINED STAFF OF SANATORIA IN THE PROVINCE OF ONTARIO AT DECEMBER 31st, 1940

Classification	Number Employed
Salaried Doctors:—	
Full Time	56
Part Time (excluding Consultants)*	7
Internes (Graduate and Undergraduate)	6
Nurses—Graduate	424
Post-Graduate	6
Non-Graduate	98
Affiliates	24
Dietitians—Graduate	16
Student	2
Orderlies	121
Ward Aides	52
Occupational Therapists	15
School Teachers	18
Paid Social Service Workers	4
Clerical—Business	59
Medical	36
Farm Hands	36
All Others	876
Total Staff	1,856

*Consultant services for the various sanatoria are provided by arrangement with 58 consultants in medicine and surgery.

COMPARISON OF ADMISSIONS AND DISCHARGES DURING 1940 BY DIAGNOSIS ESTABLISHED AFTER ADMISSION

(Excludes Births in Sanatoria.)

Diagnosis Established after Admission		Admissions		Discharges and Deaths	
		Number	%	Number	%
No evidence of tuberculosis	(a) Negative tuberculin reactors	47	1.6	54	1.9
	(b) Positive tuberculin reactors	89	3.1	100	3.6
Presumptive evidence and/or suspect tuberculosis		54	1.8	67	2.4
Tuberculosis, not requiring treatment—only investigation or observation		57	2.0	68	2.4
Childhood tuberculosis (all types)	(a) Pulmonary only	71	2.4	91	3.2
	(b) with extra-pulmonary tuberculosis	9	.3	3	.1
Pleurisy with effusion	(a) Pleural effusion only	67	2.3	58	2.1
	(b) with other tuberculosis	41	1.4	29	1.0
Minimal	(a) Pulmonary only	393	13.5	336	11.9
	(b) with extra-pulmonary tuberculosis	29	1.0	29	1.0
Moderately Advanced	(a) Pulmonary only	782	26.9	676	24.0
	(b) with extra-pulmonary tuberculosis	46	1.6	85	3.0
Advanced or Far Advanced	(a) Pulmonary only	914	31.4	820	29.1
	(b) with extra-pulmonary tuberculosis	174	6.0	283	10.0
Extra-pulmonary tuberculosis only		136	4.7	118	4.3
		2,909	100.0	2,817	100.0

CLASSIFICATION OF ADMISSIONS TO SANATORIA DURING THE YEAR 1940

	Number	Percentage
New Cases	2,182	74.7%
Reviews	58	2.0
*Re-Admissions	669	22.9
Newborn	11	.4
Total Net Admissions (Excluding Transfers)	2,920	100.0

*Re-Admissions:—

	Number
1st	510
2nd	100
3rd	59
	669

TREATMENT APPLIED DURING LAST STAY IN SANATORIUM FOR PATIENTS DISCHARGED AND DIED DURING THE YEAR 1940

Diagnosis Established after Admission		Number Discharged or Died.	*Number of Patients who Received Treatments Indicated Since Last Admission										
			Pneumothorax attempted unsuccessfully	Pneumothorax estab. (unilateral only).	Pneumothorax established (bilateral).	Intrapleural Pneumolysis	Phrenic Nerve Crush	Phrenic Nerve Evulsion	Pneumoperitoneum.	Extrapleural Pneumothorax (apicolysis)	Thoracoplasty	Others	Total Treatments
Childhood Tuberculosis (all types)...........	(a) Pulmonary only..............................	91	......	......	......	......	......	....	....	....	....	....	....
	(b) with extra pulmonary tuberculosis	3	......	......	......	......	......	....	....	....	....	....	....
Pleaurisy with Effusion..............	(a) Pleural Effusion only......................	58	......	1	......	......	4	....	....	....	....	....	5
	(b) with other Tuberculosis..................	29	1	1	......	......	2	....	....	....	....	....	4
Minimal.................	(a) Pulmonary only..............................	336	11	72	3	10	36	2	....	....	1	4	139
	(b) with extra pulmonary tuberculosis	29	......	2	......	......	3	....	....	....	....	20	25
Moderately Advanced...........	(a) Pulmonary only..............................	676	68	288	26	79	99	11	....	20	23	28	642
	(b) with extra pulmonary tuberculosis	85	12	21	2	7	8	2	....	4	2	20	78
Advanced or Far Advanced...........	(a) Pulmonary only..............................	820	167	246	70	100	120	16	21	28	80	44	892
	(b) with extra pulmonary tuberculosis	283	43	57	16	30	24	5	1	4	16	24	220
Extra-pulmonary tuberculosis only......................................		118	......	......	......	......	......	....	....	....	....	82	82
Totals...		2529	302	688	117	226	296	36	22	56	122	222	2087

*Treatments applied on same patient more than once are counted only as one.

NET ADMISSIONS TO SANATORIA DURING THE YEAR 1940, SHOWING DIAGNOSIS ESTABLISHED AFTER ADMISSION—BY AGE GROUPS

(Excludes transfers from other Sanatoria and New Borns)

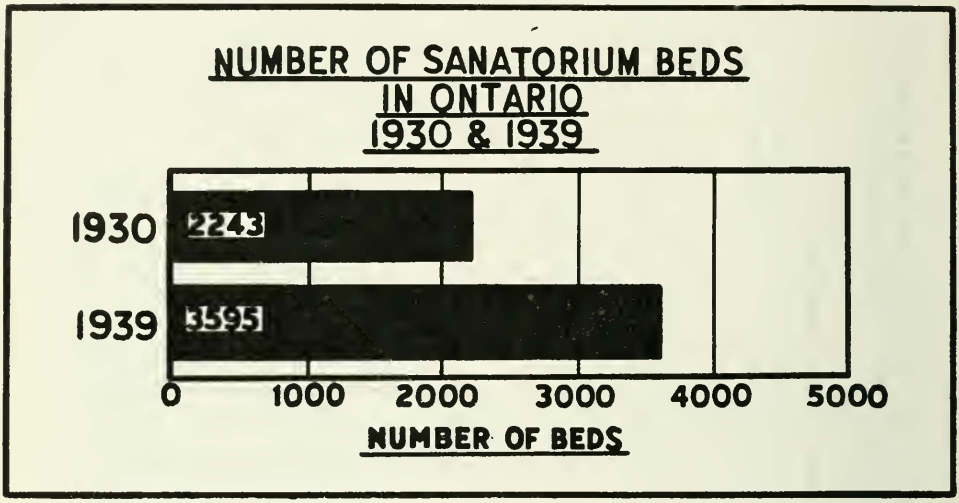
Diagnosis Established After Admission		Under 5	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 and Over	Total	Percentage of Total Net Adm.
No evidence of tuberculosis..	(a) Neg. I. C. reactors....	1	4	2	6	8	5	9	4	3	5	....	47	1.6%
	(b) Pos. I. C. reactors.....	4	5	1	6	10	7	14	22	9	9	2	89	3.1%
Presumptive evidence and 'or suspect tuberculosis........		1	2	2	2	8	7	8	13	6	5	....	54	1.8%
Tuberculosis requiring no treatment—only investigation or observation........		1	......	......	1	8	13	10	17	6	1	....	57	2.0%
Childhood tuberculosis...........	(a) Pulmonary only........	29	25	14	2	......	......	1	......	......	......	....	71	2.4%
	(b) with extra-pul. tbc....	5	1	2	1	......	......	......	......	......	......	....	9	.3%
Pleurisy with effusion	(a) Pleural eff. only.........	2	5	7	16	11	8	8	4	5	......	1	67	2.3%
	(b) with other tbc...........	......	......	2	6	7	5	13	3	3	2	....	41	1.4%
Minimal..................................	(a) Pulmonary only........	......	2	14	79	77	70	76	40	20	13	2	393	13.5%
	(b) with extra-pul. tbc....	......	......	......	2	9	4	7	3	4	......	....	29	1.0%
Moderately advanced...........	(a) Pulmonary only...... .	......	1	6	68	145	128	184	134	74	31	11	782	26.9%
	(b) with extra-pul. tbc....	......	......	......	1	3	10	17	4	6	4	1	46	1.6%
Advanced or Far Advanced....	(a) Pulmonary only........	3	1	13	56	117	150	220	173	118	46	17	914	31.4%
	(b) with extra-pul. tbc....	......	......	1	12	15	34	38	33	26	13	2	174	6.0%
With extra-pulmonary tuberculosis only		4	9	10	18	16	12	34	18	11	3	1	136	4.7%
Totals..		50	55	74	276	434	453	639	468	291	132	37	2,909	100%
Percentage of Total Net Admissions.............................		1.7%	1.9%	2.5%	9.5%	14.9%	15.6%	22.0%	16.1%	10.0%	4.5%	1.3%	100%	....

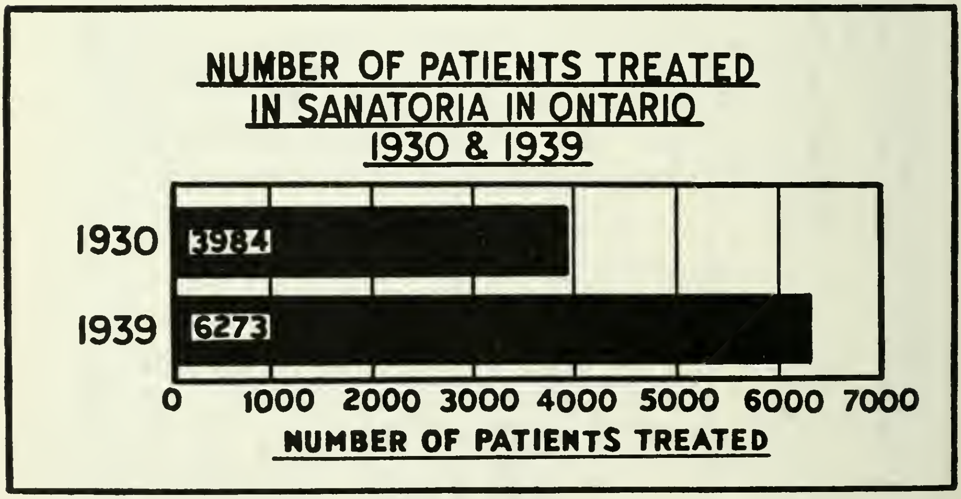
TOTAL NET DISCHARGES FROM SANATORIA DURING THE YEAR 1940 SHOWING DIAGNOSIS ESTABLISHED AFTER ADMISSION, LENGTH OF STAY IN SANATORIA AND CONDITION AT TIME OF DISCHARGE

(Excludes transfers to other Sanatoria and New Borns)

Diagnosis Established After Admission		Patients Discharged		Length of Stay in Sanatorium Since Last Admission (number in each period)						Condition of Patients at Time of Discharge or Transfer					
		Number	% of Total	30 days or less	31 days to 6 mos.	over 6 mos. to 1 year	over 1 yr. to 2 years	over 2 yrs. to 5 years	over 5 years	arrested	app. arrested	quiesc.	unstable (or)act.	Died	No evid. of TBc.
No evidence of tuberculosis	(a) Neg. I. C. reactors	54	1.9	40	11	1	1	1	......	......	......	......	......	2	52
	(b) Pos. I. C. reactors	100	3.6	54	44	1	1	......	......	......	......	......	......	6	94
Presumptive evidence and/or suspect tuberculosis		67	2.4	37	26	4	......	......	......	11	4	5	17	2	28
Tuberculosis, not requiring treatment—only investigation or observation		68	2.4	42	22	2	2	......	......	25	27	10	6	......	......
Childhood tuberculosis (all types)	(a) Pulmonary only	91	3.2	5	28	25	31	2	......	11	27	10	6	......	......
	(b) with extra-pul. tbc	3	.1	......	......	1	1	1	......	2	......	1	......	......	......
Pleurisy with effusion	(a) Pleural eff. only	58	2.1	6	30	20	1	1	......	14	10	22	11	1	......
	(b) with other tbc	29	1.0	6	7	9	5	2	......	3	3	20	2	1	......
Minimal	(a) Pulmonary only	336	11.9	26	126	108	62	14	......	24	78	183	49	2	......
	(b) with extra-pul. tbc	29	1.0	2	7	6	8	4	2	7	5	6	5	6	......
Moderately advanced	(a) Pulmonary only	676	24.0	31	173	173	209	84	6	32	106	382	129	27	......
	(b) with extra-pul. tbc	85	3.0	3	15	10	28	24	5	7	16	31	14	17	......
Advanced or Far Advanced	(a) Pulmonary only	820	29.1	75	199	154	209	154	29	15	77	275	186	267	......
	(b) with extra-pul. tbc	283	10.0	30	69	52	54	58	20	4	15	36	63	165	......
Extra-pulmonary tuberculosis only		118	4.3	15	27	28	26	19	3	39	6	36	23	14	......
TOTALS		2817	100	372	784	594	638	364	65	194	374	1054	510	511	174
Percentage of Total Net Discharges		100	......	13.2	27.8	21.1	22.7	12.9	2.3	6.9	13.3	37.4	18.1	18.1	6.2

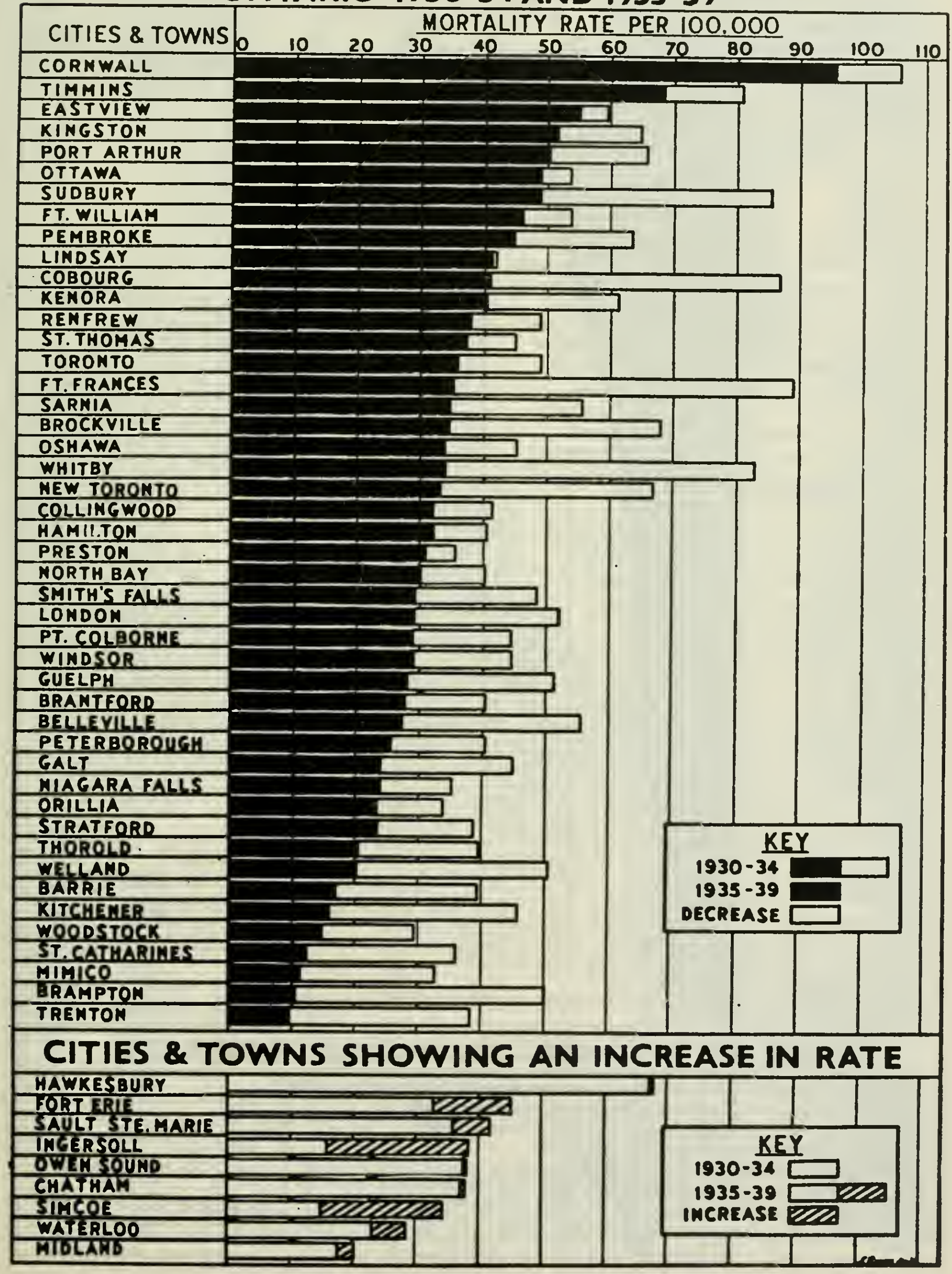
PART X (a)


NUMBER OF SANATORIUM BEDS
IN ONTARIO
1930 & 1939
1930
2243
1939
3595
0
1000
2000
3000
4000
5000
NUMBER OF BEDS


NUMBER OF PATIENTS TREATED
IN SANATORIA IN ONTARIO
1930 & 1939
1930
3984
1939
6273
0
1000
2000
3000
4000
5000
6000
7000
NUMBER OF PATIENTS TREATED

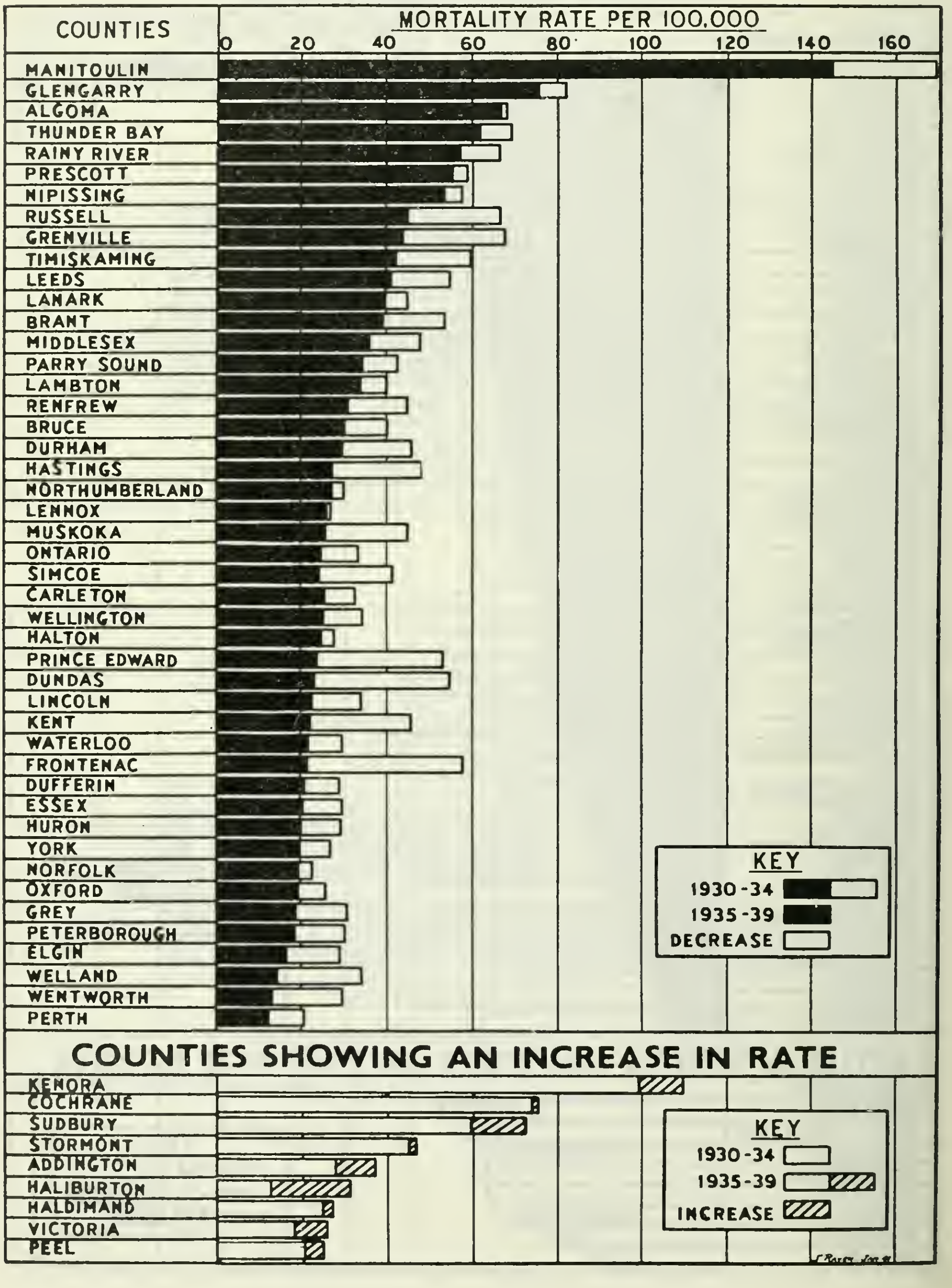
PART X (b)

RESIDENT TUBERCULOSIS MORTALITY RATE FOR CITIES & TOWNS OF 5,000 & OVER AVERAGE RATE FOR TWO - 5 YEAR PERIODS ONTARIO - 1930-34 AND 1935-39

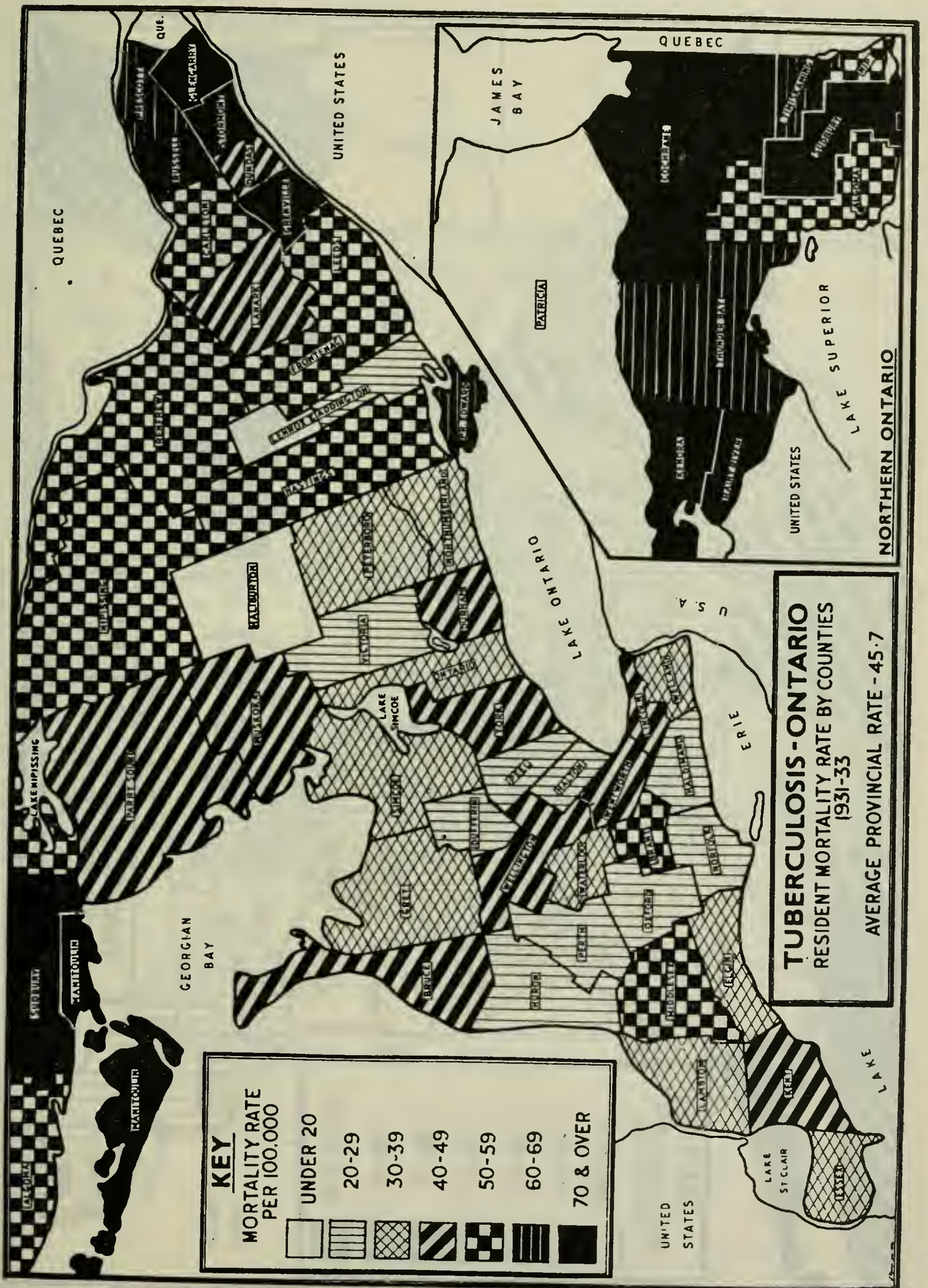


PART X (c)

RESIDENT TUBERCULOSIS MORTALITY RATE BY COUNTIES (EXCLUDING CITIES & TOWNS OF 5,000 & OVER) AVERAGE RATES FOR TWO - 5 YEAR PERIODS ONTARIO - 1930-34 AND 1935-39



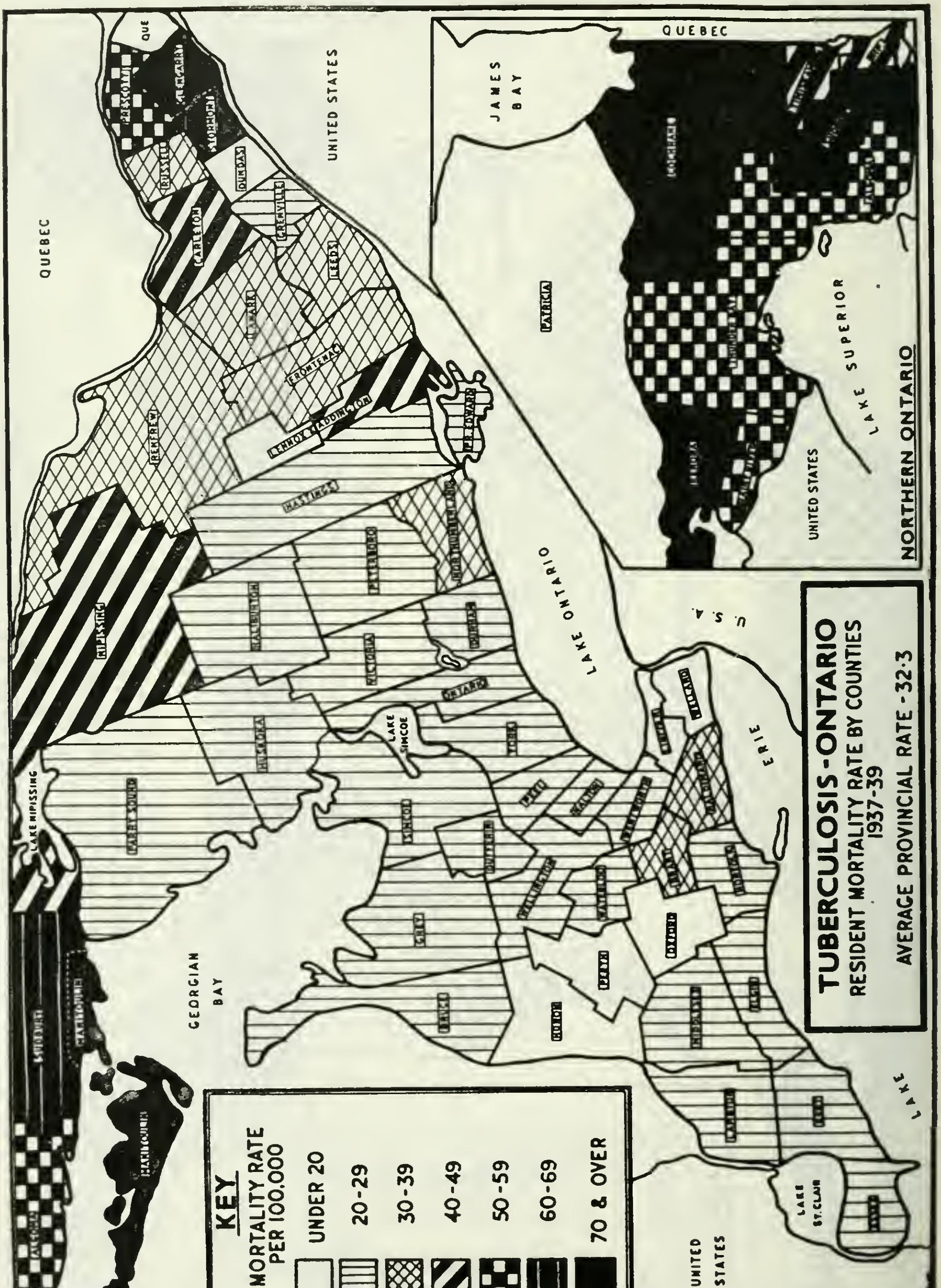
PART X (d-1)



TUBERCULOSIS-ONTARIO
RESIDENT MORTALITY RATE BY COUNTIES
1931-33
AVERAGE PROVINCIAL RATE - 45·7

KEY
MORTALITY RATE PER 100,000
UNDER 20
20-29
30-39
40-49
50-59
60-69
70 & OVER
QUEBEC
QUE.
UNITED STATES
GLENGARRY
STORMONT
PRESCOTT
RUSSELL
DUNDAS
CARLETON
GRENVILLE
LEEDS
LANARK
FRONTENAC
RENFREW
LENNOX & ADDINGTON
PRINCE EDWARD
HASTINGS
NORTHUMBERLAND
PETERBOROUGH
HALIBURTON
NIPISSING
DURHAM
VICTORIA
ONTARIO
LAKE SIMCOE
MUSKOKA
LAKE NIPISSING
PARRY SOUND
YORK
SIMCOE
PEEL
HALTON
DUFFERIN
WENTWORTH
WELLAND
LINCOLN
HALDIMAND
NORFOLK
BRANT
WATERLOO
WELLINGTON
OXFORD
GREY
PERTH
HURON
BRUCE
MIDDLESEX
ELGIN
LAMBTON
KENT
ESSEX
MANITOULIN
SUDBURY
ALGOMA
GEORGIAN BAY
LAKE ONTARIO
U.S.A.
ERIE
LAKE
LAKE ST CLAIR
UNITED STATES
JAMES BAY
QUEBEC
COCHRANE
TIMISKAMING
SUDBURY
ALGOMA
PATRICIA
THUNDER BAY
KENORA
RAINY RIVER
LAKE SUPERIOR
UNITED STATES
NORTHERN ONTARIO

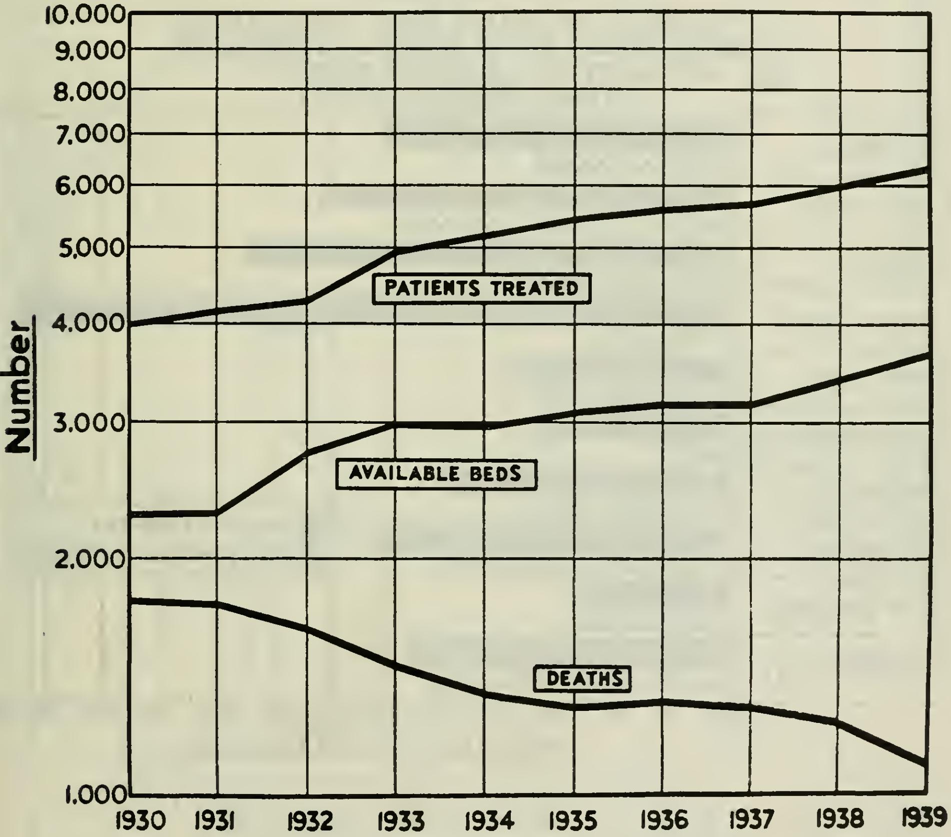
PART X (d-2)



TUBERCULOSIS-ONTARIO
RESIDENT MORTALITY RATE BY COUNTIES
1937-39
AVERAGE PROVINCIAL RATE - 32·3
KEY
MORTALITY RATE PER 100,000
UNDER 20
20-29
30-39
40-49
50-59
60-69
70 & OVER
NORTHERN ONTARIO
JAMES BAY
QUEBEC
PATRICIA
COCHRANE
THUNDER BAY
KENORA
RAINY RIVER
LAKE SUPERIOR
UNITED STATES
QUE
PRESCOTT
GLENGARRY
STORMONT
RUSSELL
DUNDAS
CARLETON
GRENVILLE
LEEDS
LANARK
FRONTENAC
RENFREW
LENNOX & ADDINGTON
P. EDWARD
HASTINGS
NORTHUMBERLAND
PETERBORO
HALIBURTON
VICTORIA
DURHAM
ONTARIO
NIPISSING
MUSKOKA
LAKE SIMCOE
YORK
PARRY SOUND
LAKE NIPISSING
SIMCOE
PEEL
HALTON
WENTWORTH
LINCOLN
WELLAND
HALDIMAND
DUFFERIN
WELLINGTON
WATERLOO
BRANT
NORFOLK
GREY
OXFORD
PERTH
HURON
BRUCE
MIDDLESEX
ELGIN
LAMBTON
KENT
ESSEX
LAKE ST. CLAIR
LAKE ERIE
LAKE ONTARIO
U.S.A.
GEORGIAN BAY
SUDBURY
MANITOULIN
ALGOMA

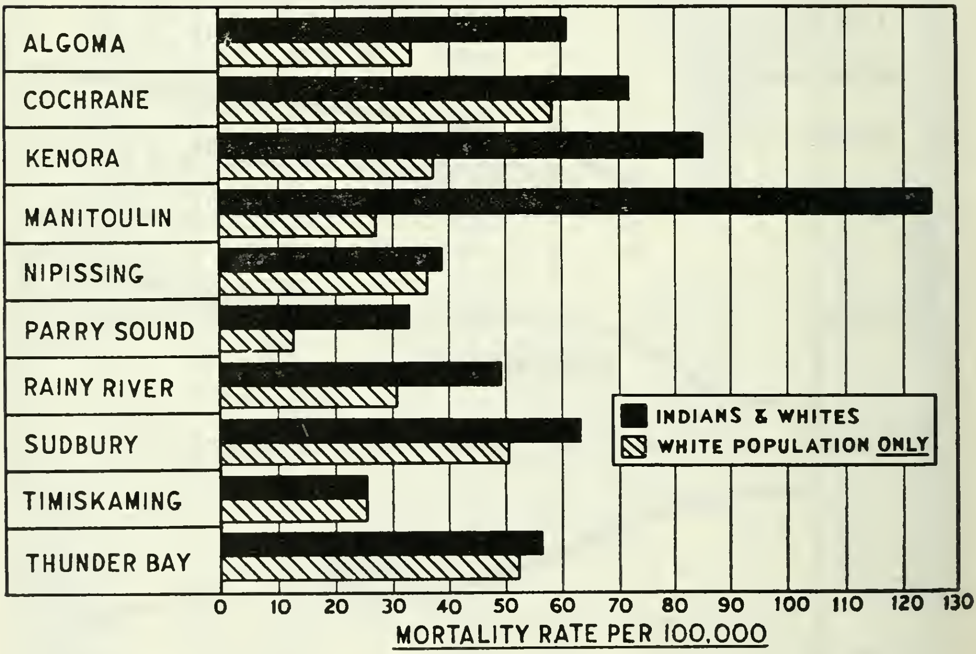
PART X (e)

Available Beds, Patients Treated & Tuberculosis Deaths
Ontario-1930-1939

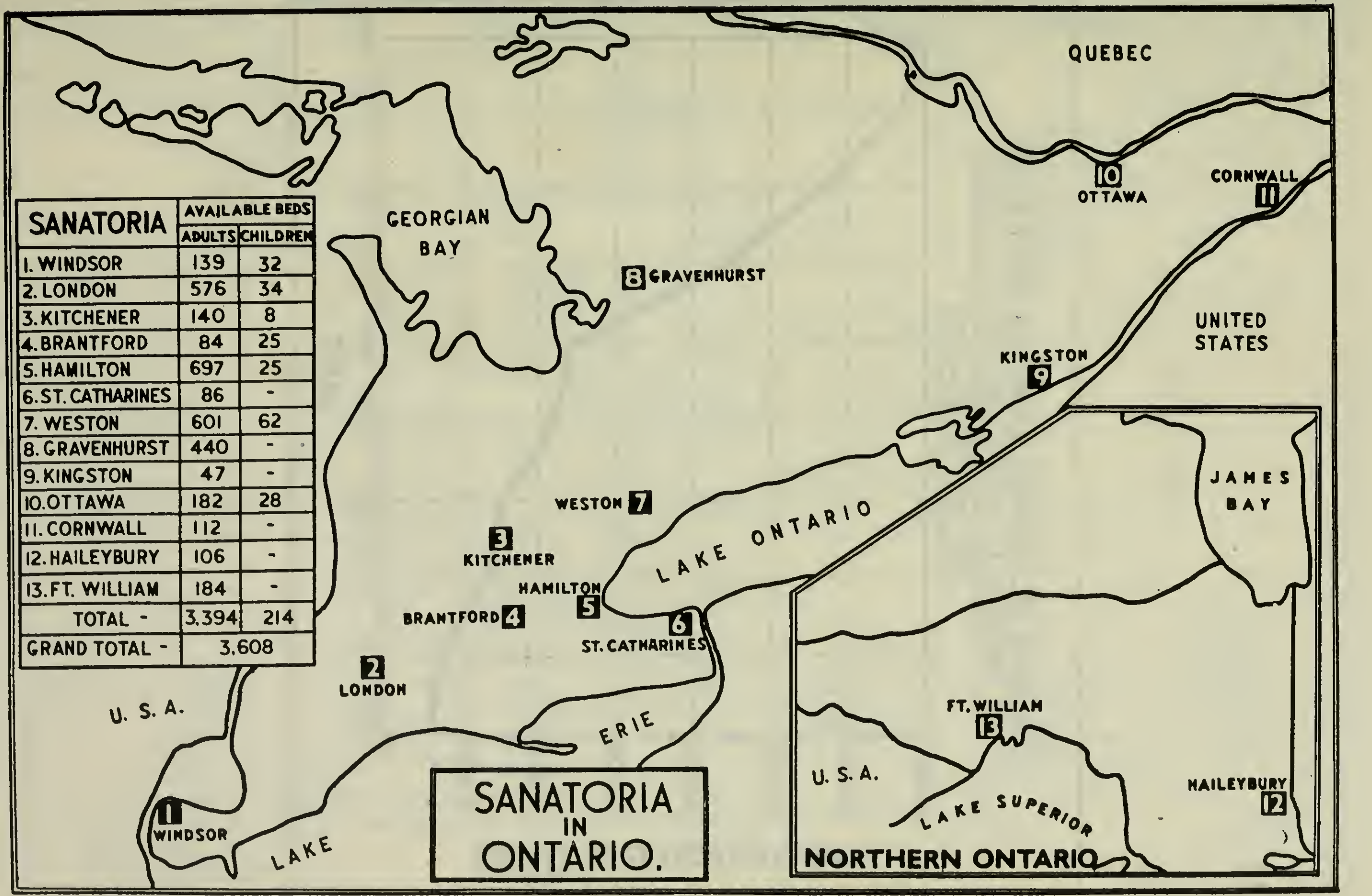


PART X (f)

THE EFFECT OF DEATHS FROM TUBERCULOSIS AMONG INDIANS, ON THE GENERAL TUBERCULOSIS MORTALITY RATE IN CERTAIN DISTRICTS ONTARIO - 1938-39 (AVERAGE)

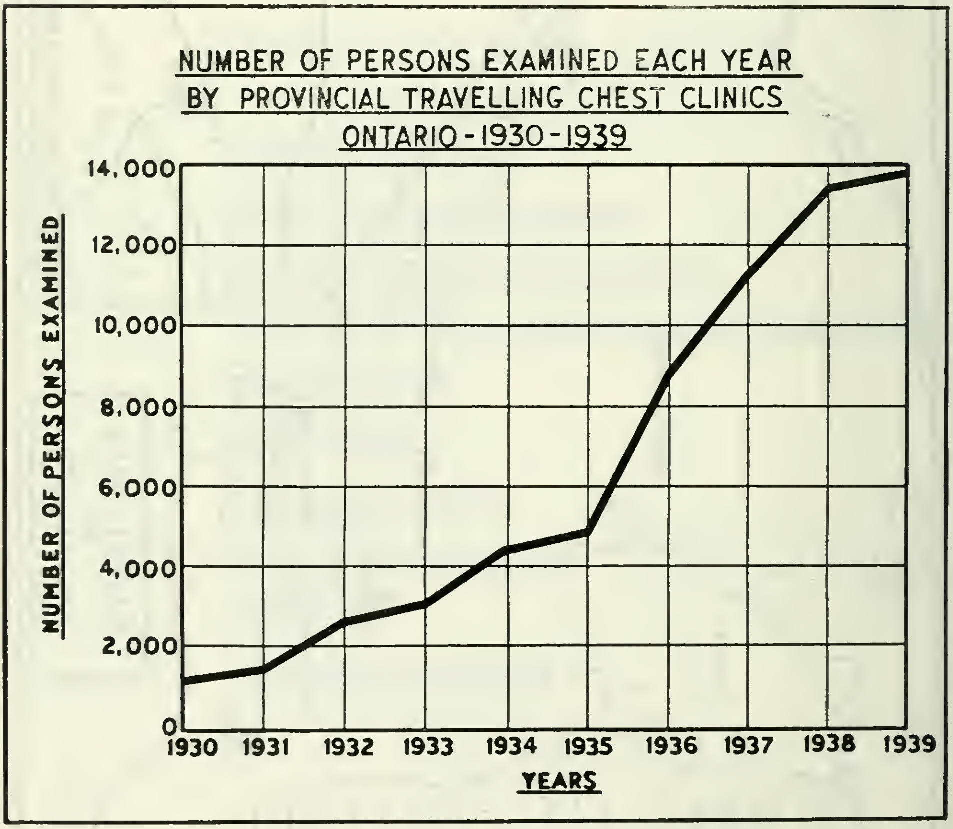


PART X (g)

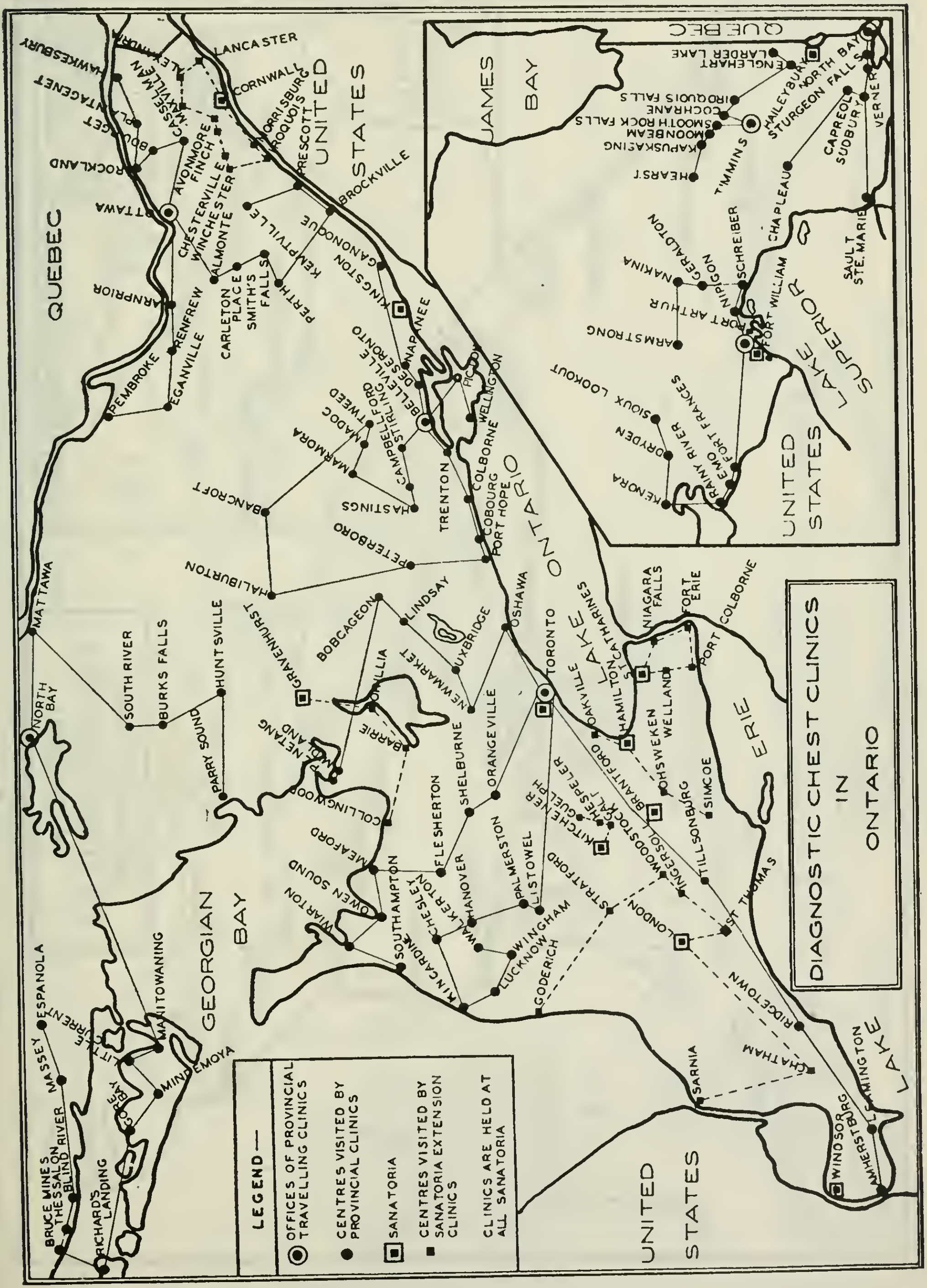

SANATORIA IN ONTARIO.
QUEBEC
OTTAWA 10
CORNWALL 11
UNITED STATES
KINGSTON 9
GEORGIAN BAY
8 GRAVENHURST
WESTON 7
3 KITCHENER
HAMILTON 5
BRANTFORD 4
6 ST. CATHARINES
2 LONDON
LAKE ONTARIO
ERIE
LAKE
U. S. A.
1 WINDSOR
NORTHERN ONTARIO
JAMES BAY
FT. WILLIAM 13
HAILEYBURY 12
U. S. A.
LAKE SUPERIOR

SANATORIA	AVAILABLE BEDS	
	ADULTS	CHILDREN
1. WINDSOR	139	32
2. LONDON	576	34
3. KITCHENER	140	8
4. BRANTFORD	84	25
5. HAMILTON	697	25
6. ST. CATHARINES	86	-
7. WESTON	601	62
8. GRAVENHURST	440	-
9. KINGSTON	47	-
10. OTTAWA	182	28
11. CORNWALL	112	-
12. HAILEYBURY	106	-
13. FT. WILLIAM	184	-
TOTAL -	3,394	214
GRAND TOTAL -	3,608	

PART X (h)


NUMBER OF PERSONS EXAMINED EACH YEAR
BY PROVINCIAL TRAVELLING CHEST CLINICS
ONTARIO - 1930 - 1939
NUMBER OF PERSONS EXAMINED
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
1930
1931
1932
1933
1934
1935
1936
1937
1938
1939
YEARS

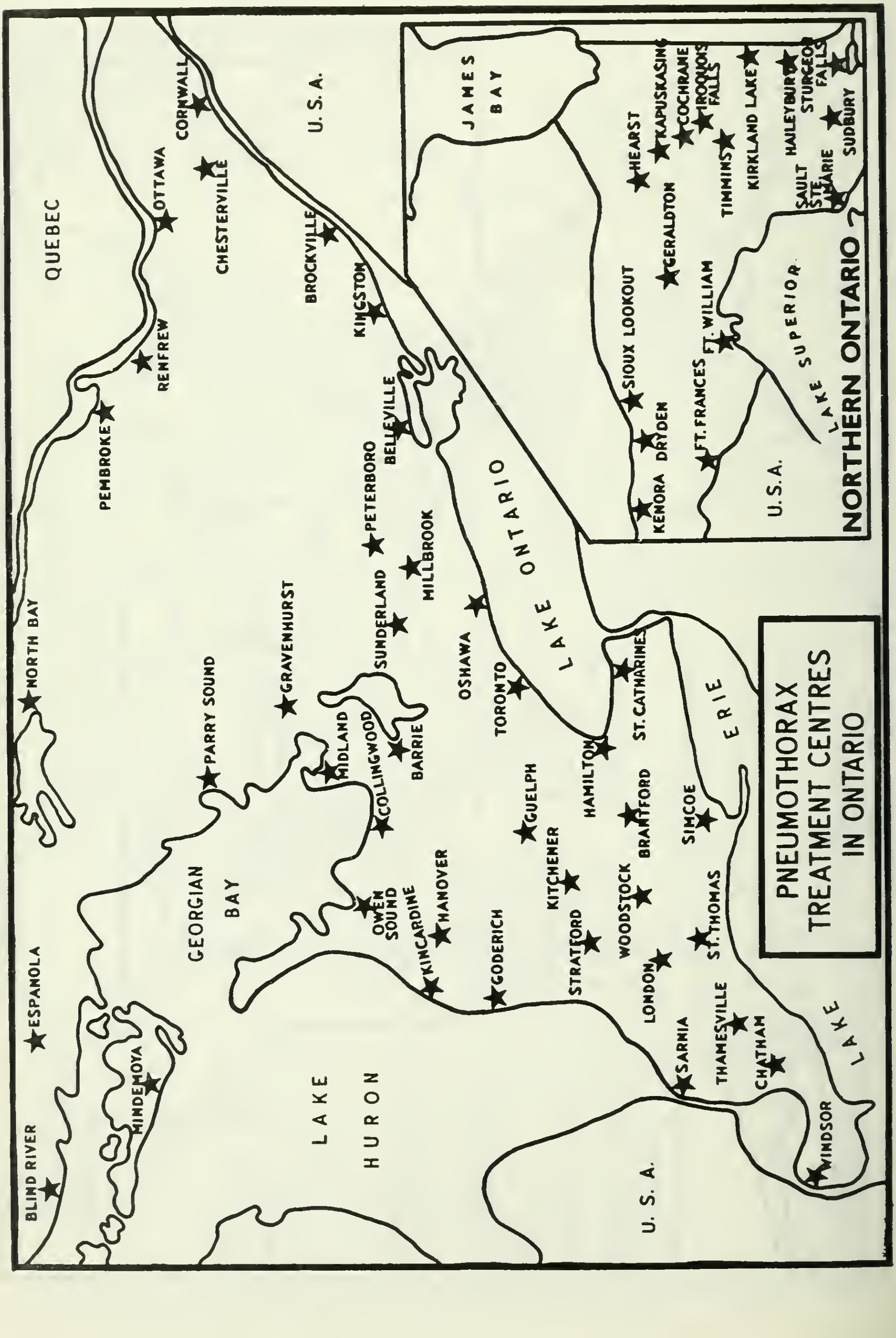
PART X (i)



DIAGNOSTIC CHEST CLINICS IN ONTARIO

LEGEND—
◉ OFFICES OF PROVINCIAL TRAVELLING CLINICS
● CENTRES VISITED BY PROVINCIAL CLINICS
▣ SANATORIA
▪ CENTRES VISITED BY SANATORIA EXTENSION CLINICS
CLINICS ARE HELD AT ALL SANATORIA
QUEBEC
UNITED STATES
GEORGIAN BAY
LAKE ONTARIO
LAKE ERIE
LAKE
JAMES BAY
LAKE SUPERIOR
HAWKESBURY
ALEXANDRIA
LANCASTER
CORNWALL
MORRISBURG
IROQUOIS
PRESCOTT
BROCKVILLE
GANANOQUE
KINGSTON
NAPANEE
DESERONTO
PICTON
WELLINGTON
BELLEVILLE
TRENTON
COLBORNE
COBOURG
PORT HOPE
OSHAWA
TORONTO
OAKVILLE
HAMILTON
ST. CATHARINES
NIAGARA FALLS
FORT ERIE
PORT COLBORNE
WELLAND
OHSWEKEN
SIMCOE
TILLSONBURG
BRANTFORD
INGERSOLL
WOODSTOCK
GALT
HESPELER
GUELPH
KITCHENER
ST. THOMAS
LONDON
STRATFORD
RIDGETOWN
CHATHAM
LEAMINGTON
AMHERSTBURG
WINDSOR
SARNIA
GODERICH
LUCKNOW
WINGHAM
LISTOWEL
PALMERSTON
HANOVER
WALKERTON
CHESLEY
KINCARDINE
SOUTHAMPTON
WIARTON
OWEN SOUND
MEAFORD
FLESHERTON
SHELBURNE
ORANGEVILLE
COLLINGWOOD
BARRIE
MIDLAND
PENETANG
ORILLIA
GRAVENHURST
NEWMARKET
UXBRIDGE
LINDSAY
BOBCAYGEON
PETERBORO
HALIBURTON
BANCROFT
HASTINGS
MARMORA
MADOC
TWEED
STIRLING
CAMPBELLFORD
PERTH
SMITH'S FALLS
CARLETON PLACE
ALMONTE
KEMPTVILLE
WINCHESTER
CHESTERVILLE
FINCH
AVONMORE
MAXVILLE
CASSELMAN
BOURGET
PLANTAGENET
ROCKLAND
OTTAWA
ARNPRIOR
RENFREW
EGANVILLE
PEMBROKE
MATTAWA
NORTH BAY
SOUTH RIVER
BURKS FALLS
HUNTSVILLE
PARRY SOUND
ESPANOLA
MASSEY
LITTLE CURRENT
MANITOWANING
MINDEMOYA
GORE BAY
BLIND RIVER
THESSALON
BRUCE MINES
RICHARD'S LANDING
QUEBEC
LARDER LAKE
ENGLEHART
HAILEYBURY
NORTH BAY
STURGEON FALLS
VERNER
CAPREOL
SUDBURY
IROQUOIS FALLS
COCHRANE
SMOOTH ROCK FALLS
MOONBEAM
KAPUSKASING
HEARST
TIMMINS
CHAPLEAU
SAULT STE. MARIE
SCHREIBER
NIPIGON
GERALDTON
NAKINA
PORT ARTHUR
FORT WILLIAM
ARMSTRONG
SIOUX LOOKOUT
DRYDEN
KENORA
FORT FRANCES
EMO
RAINY RIVER

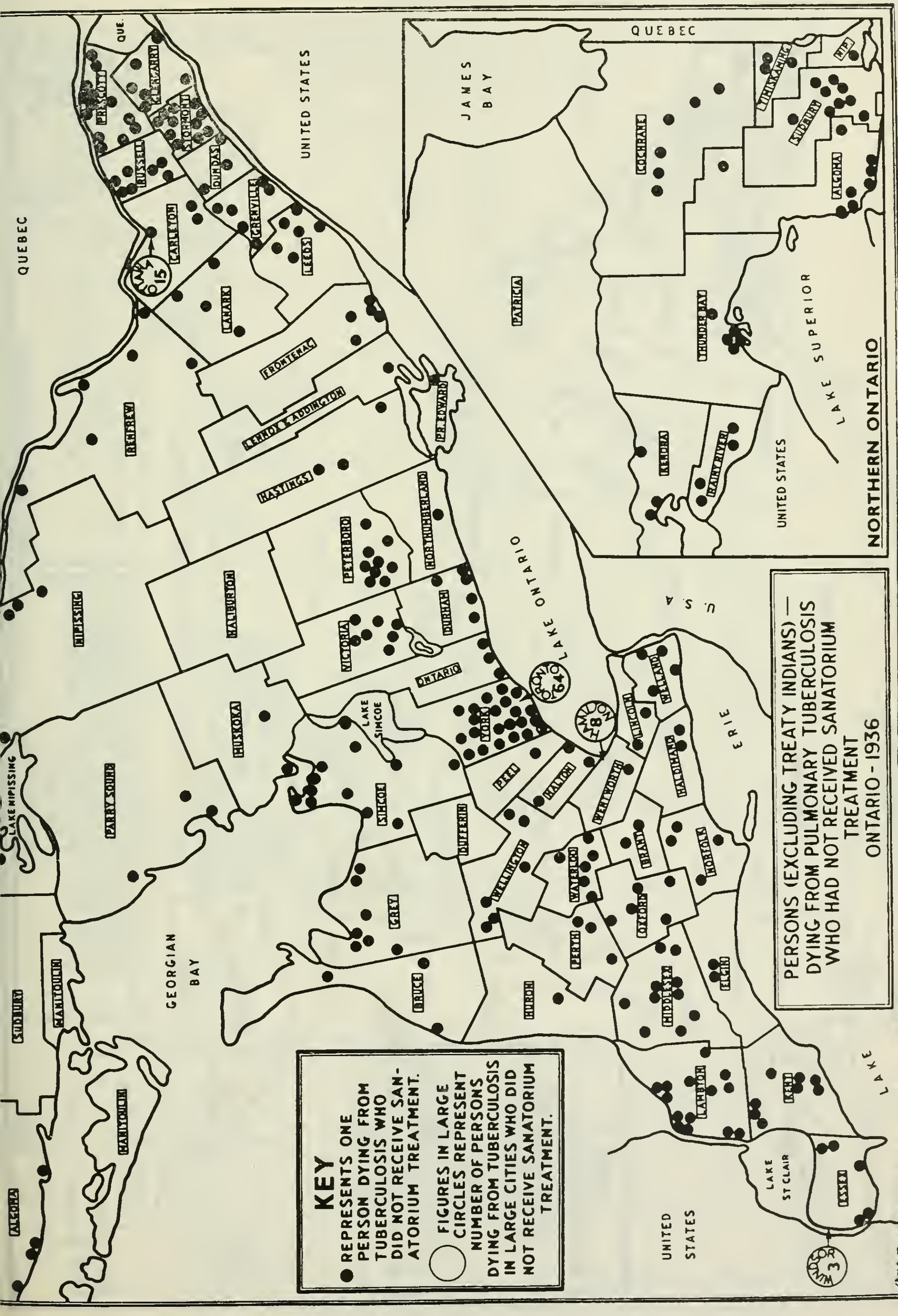
PART X (j)



PNEUMOTHORAX TREATMENT CENTRES IN ONTARIO

QUEBEC
U.S.A.
CORNWALL
OTTAWA
CHESTERVILLE
BROCKVILLE
KINGSTON
RENFREW
PEMBROKE
BELLEVILLE
PETERBORO
MILLBROOK
LAKE ONTARIO
OSHAWA
SUNDERLAND
NORTH BAY
GRAVENHURST
PARRY SOUND
TORONTO
ST. CATHARINES
MIDLAND
COLLINGWOOD
BARRIE
HAMILTON
GUELPH
BRANTFORD
SIMCOE
ERIE
GEORGIAN BAY
KITCHENER
OWEN SOUND
HANOVER
KINCARDINE
GODERICH
STRATFORD
WOODSTOCK
ST. THOMAS
LONDON
ESPANOLA
MINDEMOYA
BLIND RIVER
LAKE HURON
SARNIA
THAMESVILLE
CHATHAM
LAKE
WINDSOR
U. S. A.
JAMES BAY
HEARST
KAPUSKASING
COCHRANE
IROQUOIS FALLS
KIRKLAND LAKE
HAILEYBURY
STURGEON FALLS
SUDBURY
SAULT STE. MARIE
TIMMINS
GERALDTON
SIOUX LOOKOUT
FT. WILLIAM
DRYDEN
KENORA
FT. FRANCES
LAKE SUPERIOR
U.S.A.
NORTHERN ONTARIO

PART X (k)


QUEBEC
UNITED STATES
QUE.
PRESCOTT
GLENGARRY
STORMONT
RUSSELL
DUNDAS
CARLETON
GRENVILLE
LEEDS
OTTAWA 15
LANARK
FRONTENAC
RENFREW
LENNOX & ADDINGTON
PR. EDWARD
HASTINGS
NORTHUMBERLAND
PETERBORO
NIPISSING
HALIBURTON
VICTORIA
DURHAM
ONTARIO
LAKE ONTARIO
TORONTO 64
HAMILTON 8
YORK
LAKE SIMCOE
MUSKOKA
LAKE NIPISSING
PARRY SOUND
SIMCOE
PEEL
HALTON
WENTWORTH
LINCOLN
WELLAND
U.S.A.
ERIE
HALDIMAND
NORFOLK
BRANT
WATERLOO
WELLINGTON
DUFFERIN
GREY
OXFORD
PERTH
HURON
BRUCE
GEORGIAN BAY
MIDDLESEX
ELGIN
LAMBTON
KENT
LAKE ST CLAIR
ESSEX
WINDSOR 3
UNITED STATES
LAKE
SUDBURY
MANITOULIN
ALGOMA
QUEBEC
JAMES BAY
TIMISKAMING
NIP.
SUDBURY
ALGOMA
COCHRANE
PATRICIA
THUNDER BAY
LAKE SUPERIOR
KENORA
RAINY RIVER
UNITED STATES
NORTHERN ONTARIO

KEY

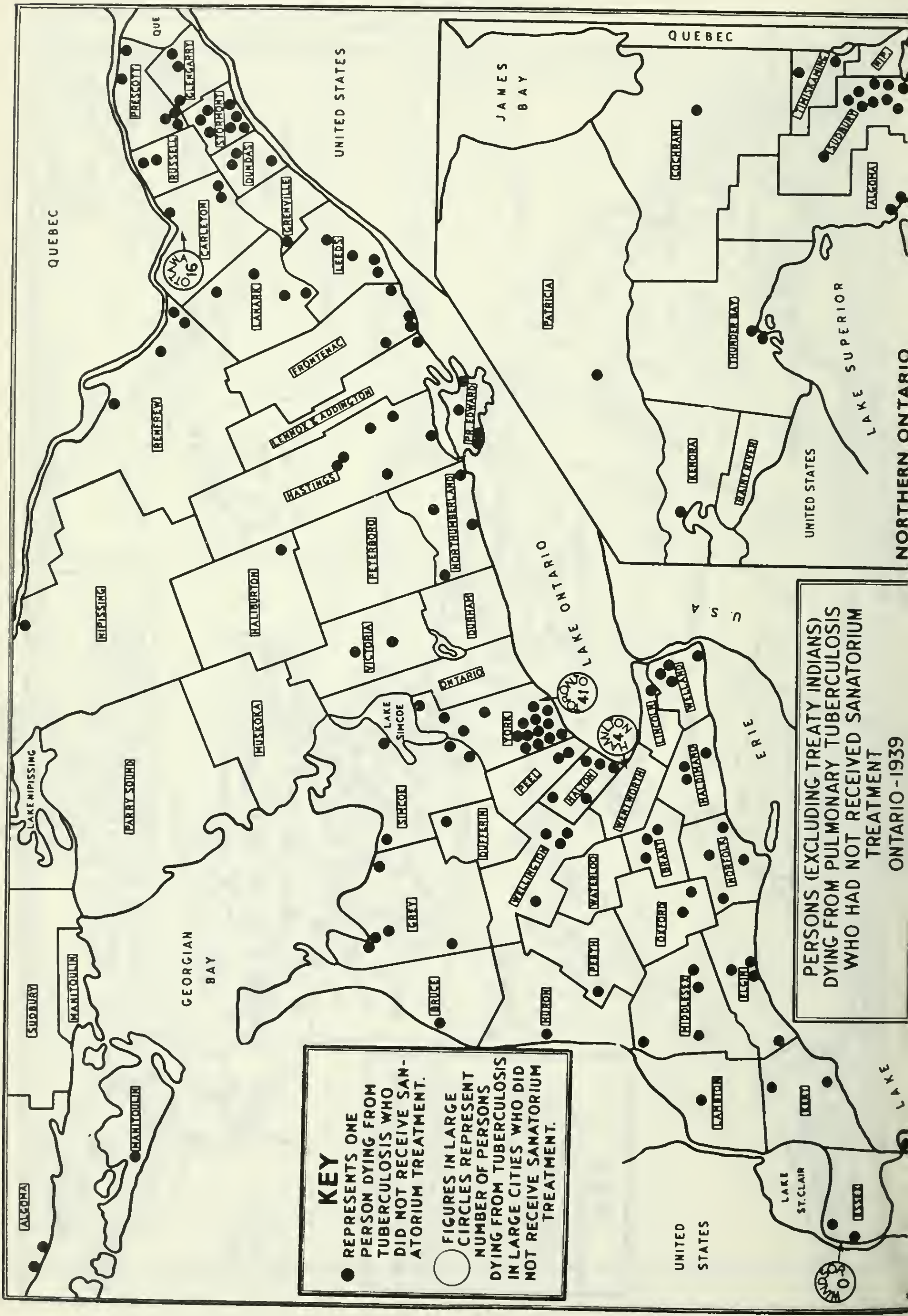
● REPRESENTS ONE PERSON DYING FROM TUBERCULOSIS WHO DID NOT RECEIVE SANATORIUM TREATMENT.

○ FIGURES IN LARGE CIRCLES REPRESENT NUMBER OF PERSONS DYING FROM TUBERCULOSIS IN LARGE CITIES WHO DID NOT RECEIVE SANATORIUM TREATMENT.

PERSONS (EXCLUDING TREATY INDIANS) — DYING FROM PULMONARY TUBERCULOSIS WHO HAD NOT RECEIVED SANATORIUM TREATMENT
ONTARIO - 1936

TOTAL-366

PART X (1)

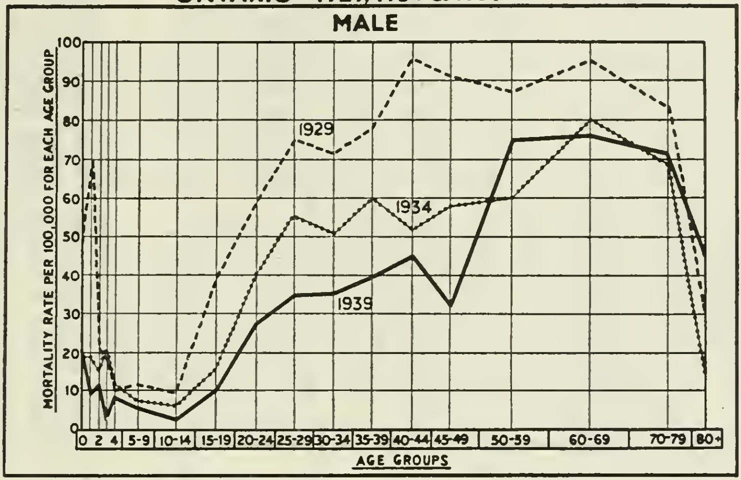


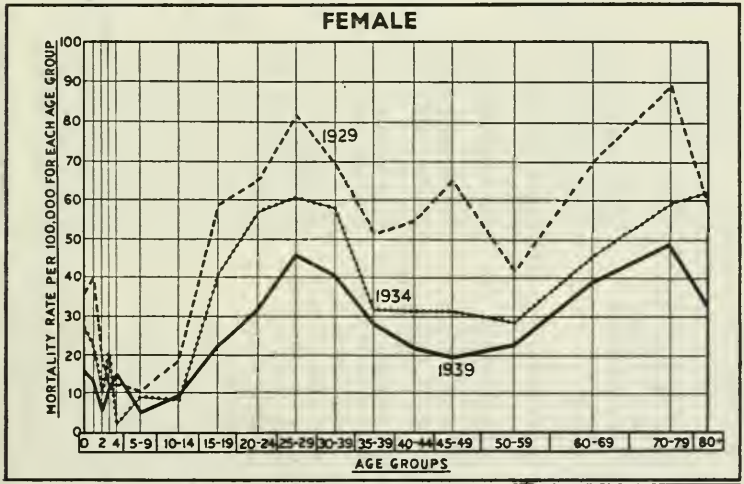
PERSONS (EXCLUDING TREATY INDIANS) DYING FROM PULMONARY TUBERCULOSIS WHO HAD NOT RECEIVED SANATORIUM TREATMENT
ONTARIO-1939

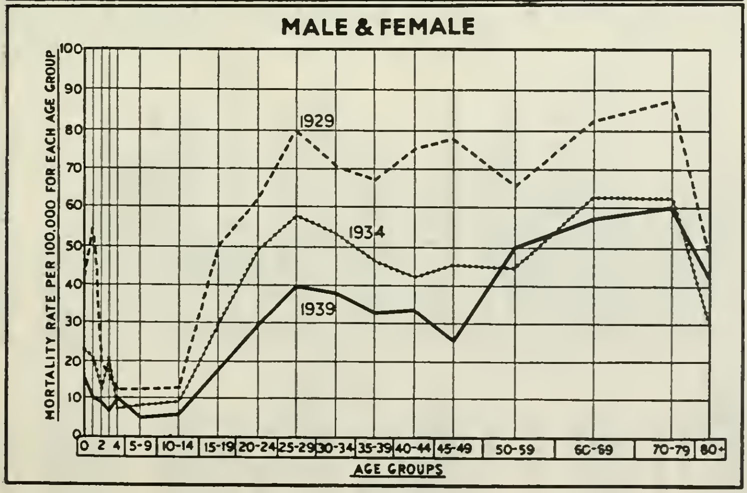
KEY
● REPRESENTS ONE PERSON DYING FROM TUBERCULOSIS WHO DID NOT RECEIVE SANATORIUM TREATMENT.
○ FIGURES IN LARGE CIRCLES REPRESENT NUMBER OF PERSONS DYING FROM TUBERCULOSIS WHO DID NOT RECEIVE SANATORIUM TREATMENT.
NORTHERN ONTARIO
QUEBEC
JAMES BAY
COCHRANE
TIMISKAMING
NIP.
SUDBURY
ALGOMA
PATRICIA
THUNDER BAY
KENORA
RAINY RIVER
LAKE SUPERIOR
UNITED STATES
QUE
PRESCOTT
GLENGARRY
STORMONT
RUSSELL
DUNDAS
GRENVILLE
CARLETON
OTTAWA 16
LEEDS
LANARK
FRONTENAC
LENNOX & ADDINGTON
RENFREW
PR. EDWARD
HASTINGS
NORTHUMBERLAND
PETERBORO
HALIBURTON
NIPISSING
DURHAM
VICTORIA
ONTARIO
LAKE ONTARIO
U.S.A.
TORONTO 410
HAMILTON 74
LAKE SIMCOE
YORK
PEEL
HALTON
WENTWORTH
LINCOLN
WELLAND
HALDIMAND
ERIE
MUSKOKA
PARRY SOUND
LAKE NIPISSING
SIMCOE
DUFFERIN
WELLINGTON
WATERLOO
BRANT
NORFOLK
OXFORD
GREY
PERTH
ELGIN
MIDDLESEX
HURON
BRUCE
GEORGIAN BAY
SUDBURY
MANITOULIN
ALGOMA
LAMBTON
KENT
LAKE ST. CLAIR
ESSEX
WINDSOR 0
LAKE
UNITED STATES

PART X (m)

COMPARISON OF TUBERCULOSIS DEATH RATES BY AGE & SEX ONTARIO—1929, 1934 & 1939







PART X (n)

CHEST CLINICS IN ONTARIO

(Exclusive of Provincial Travelling Chest Clinics.)

Clinic Centre	Address	Date	Staffed by	Conducted Under Auspices of	Appointments Made Through
Alexandria	Chest Clinic	4th Fri. 9 a.m.—1.30 p.m.	St. Lawrence San.	Local Board of Health	Miss Thompson, P.H.N., Alexandria
Avonmore	Chest Clinic	1st Tues. May and Nov. 9 a.m. and 1.30 p.m.	St. Lawrence San.	Local Board of Health	Miss McLaughlin, P.H.N., Finch
Barrie	General Hospital	1st Thursday 2 p.m.	Muskoka Hospital	National San. Assoc.	Dr. N. W. Rogers, M.O.H. or with the clinic
Brantford	General Hospital	Thursday 2 p.m.	Brant Sanatorium	Local Board of Health	Dr. W. L. Hutton, M.O.H., City Hall
Brockville	General Hospital St. Vincent de Paul	On request	Kingston Sanatorium	Rotary Club	Rotary Club or Director of Clinic
Chatham	General Hospital St. Joseph's Hospital	3rd Wednesday	Queen Alexandra San.	Local Board of Health	Dr. A. E. Northwood, M.O.H.
Chesterville	Community Hall	3rd Tues., June & Dec. 9 a.m. and 1.30 p.m.	St. Lawrence San.	Local Board of Health	Miss Lefler, P.H.N., Winchester
Collingwood	General & Marine Hosp.	3rd Thursday 2 p.m.	Muskoka Hospital	National San. Assoc.	Dr. Donald McKay, M.O.H.
Cornwall	(a) City Hall	1st & 3rd Fri. 9 a.m. 1.30 p.m.	St. Lawrence San.	Local Board of Health	Dr. M. G. Thompson, Health Unit.
	(b) St. Lawrence San.	By appointment	St. Lawrence San.	St. Lawrence San.	St. Lawrence Sanatorium
Finch	Community Hall	3rd Tues. Apr. & Oct. 9 a.m. and 1.30 p.m.	St. Lawrence San.	Local Board of Health	Miss McLaughlin, P.H.N., Finch
Fort Erie	Douglas Memorial Hosp.	2nd Wednesday 9 a.m.	Niagara Peninsula San.	Niagara Peninsula San.	Dr. A. Collins, M.O.H.
Fort William	(a) Sanatorium	Daily by appointment	Fort William San.	Fort William San.	Family Physician or M.O.H.
	(b) McKellar Hospital	Wednesday 2 p.m.	Fort William San.	Fort William San.	Family Physician or M.O.H.
Galt	City Hall	1st Monday 2 p.m.	Freeport Sanatorium	Local Board of Health	Medical Officer Health
Goderich	Alexandra & Marine Hosp.	4th Wednesday	Queen Alexandra San.	Local Board of Health	Dr. W. S. Gallow, M.O.H.
Guelph	City Hall	2nd Friday 10 a.m.	Freeport Sanatorium	Local Board of Health	Dr. W. A. Proud, M.O.H.
Haileybury	St. Mary's Sanatorium	2nd Friday	St. Mary's Sanatorium	St. Mary's Sanatorium	Private Physician or through clinic
Hamilton	(a) Health Center 20 Main Street W.	Monday, Wed., Fri. 2 p.m. 1 evening a month 6 p.m.	Mountain Sanatorium	Local Board of Health	Health Centre
	(b) City Hospital	On request	Mountain Sanatorium	City Hospital	City Hospital
	(c) Mountain Sanatorium	Daily 9 a.m.	Mountain Sanatorium	Mountain Sanatorium	Mountain Sanatorium
Hespeler		On Request	Freeport Sanatorium	Local Board of Health	Miss Scott, P.H.N.
Ingersoll	Town Hall	1st Wednesday 10 a.m.	Queen Alexandra San.	Local Board of Health	Dr. H. G. Furlong, M.O.H.
Iroquois	Town Hall	3rd Tues., Mar. & Nov. 9 a.m. and 1.30 p.m.	St. Lawrence San.	Local Board of Health	Miss Rutherford, P.H.N., Morrisburg
Kingston	General Hospital	Fridays 2 p.m.	Kingston Sanatorium	Local Board of Health	Dr. R. S. Peat, M.O.H. or Director of Clinic.
Kitchener	(a) City Hall	2nd & last Monday 2 p.m.	Freeport Sanatorium	Local Board of Health	Dr. J. W. Fraser, M.O.H.
	(b) Freeport Sanatorium	Wed. & Saturday 3 p.m.	Freeport Sanatorium	Waterloo Health Assoc.	Medical Supt. Freeport Sanatorium
Lancaster	Chest Clinic	2nd Fri., June & Dec. 9 a.m. & 1.30 p.m.	St. Lawrence San.	Local Board of Health	Miss Petrie, P.H.N., Lancaster

London	(a) Victoria Hospital	Tuesday & Thurs. 2 p.m.	Queen Alexandra San.	Local Board of Health	Dr. C. A. Harris, M.O.H. or through the hospital
	(b) St. Joseph's Hospital	Monday 2 p.m.	Queen Alexandra San.	Local Board of Health	
	(c) Westminster Hosp.	Mon., Wed and Friday	Queen Alexandra San.	Dept. P. & N. H.	Dr. A. D. McKay, C.M.O.
Maxville	United Church Hall	1st Tues. Feb., June & Oct. 9 a.m. & 1.30 p.m.	St. Lawrence San.	Local Board of Health	Miss Thompson, P.H.N., Alexandria
Morrisburg	Public Health Office	3rd Tues., Jan., May & Sept. 9 a.m. & 1.30 p.m.	St. Lawrence San.	Local Board of Health	Miss Rutherford, P.H.N., Morrisburg
Niagara Falls	General Hospital	Tuesday 2 p.m.	Niagara Peninsula San.	Local Board of Health	Dr. H. Logan, M.O.H.
Oakville	Chest Clinic	3rd Monday 2 p.m. alternate months.	Mountain Sanatorium	Local Board of Health and I.O.D.E.	Dr. J. H. Stead, M.O.H.
Orillia	Soldiers' Memorial Hosp.	1st Thursday 9 a.m.	Muskoka Hospital	National San. Assoc.	Dr. W. E. Brown, M.O.H.
Ottawa	(a) Royal Ottawa San. Carling Avenue	Tues. & Thurs. 2 p.m. 1st Wednesday 7 p.m.	Royal Ottawa San.	R.O.S. & Ottawa Tb. Association	Dr. T. A. Lomer, M.O.H. or Sanatorium Staff
	(b) Maycourt Dispensary Besserer St.	Mon. & Fri. 2 p.m. 3rd Wed. 7 p.m.	Royal Ottawa San.	R.O.S. & Maycourt Cl'b	
Oshweken		3rd Wed. 10 a.m.	Mountain Sanatorium	Indian Medical Service	Dr. W. Davis, Oshweken
Port Arthur	St. Joseph's Hospital	Friday 2 p.m.	Fort William San.	Fort William San.	Family Physician or M.O.H.
Pt. Colborne	East Side School	4th Thursday 2 p.m.	Niagara Peninsula San.	Local Board of Health	Dr. E. A. McKenzie, M.O.H.
St. Catharines	(a) Niagara Peninsula San.	Daily 9 a.m.	Niagara Peninsula San.	Niagara Peninsula San.	Dr. C. G. Shaver, Med. Supt.
	(b) General Hospital	Friday 2 p.m.	Niagara Peninsula San.	Local Board of Health	Dr. D. V. Currie, M.O.H.
St. Thomas	Memorial Hospital	4th Wednesday 10 a.m.	London Sanatorium	Local Board of Health	Dr. E. V. Potts, M.O.H.
Sarnia	General Hospital	2nd Wednesday	Queen Alexandra San.	Local Board of Health	Dr. H. Carter, M.O.H.
Simcoe	Chest Clinic	2nd Mon. 9 a.m.–2 p.m.	Mountain Sanatorium	Local Board of Health	Dr. S. English, M.O.H.
Stratford	General Hospital	2nd Monday	Queen Alexandra San.	Local Board of Health	Dr. H. B. Kenner, M.O.H.
Toronto	(a) Christie St. Hospital	Daily	Dept. of P. & N. H.	Dept. P. & N. H.	Dept. of P. & N. H.
	(b) Gage Institute 223 College Street	Friday 7 p.m. Tues. & Fri. 2 p.m.	Toronto Hospital for Consump. & Gage Inst.	National San. Ass'n	Gage Institute
	(c) Hosp. for Sick Children (age limit 14 yrs.)	Mon. 2 p.m. (new cases) Wed. 2 p.m. (repeat cases)	Hosp. for Sick Children	Dept. of Public Health	Dept. of Health, City Hall or Out-Patient Dept.
	(d) St. Joseph's Hospital	Friday 9 a.m.	St. Joseph's Hospital	Dept. of Public Health	" " "
	(e) St. Michael's Hospital Victoria St. Entrance	Mon. & Thurs. 9 a.m.	St. Michael's Hospital	Dept. of Public Health	" " "
	(f) Toronto General Hosp.	Tues. & Fri. 1 p.m.	Toronto General Hosp.	Dept. of Public Health	" " "
	(g) Toronto West. Hosp.	Monday 4.45 p.m. Thursday 9 a.m.	Toronto Western Hosp.	Dept. of Public Health	" " "
	(h) Women's College Hosp.	Wednesday 9 a.m.	Women's College Hosp.	Dept. of Public Health	" " "
Welland	Welland County Hosp.	1st & 3rd Thurs. 2 p.m.	Niagara Peninsula San.	Local Board of Health	Dr. W. G. Rieve, M.O.H.
Winchester	Chest Clinic	1st Tues., March & Sept. 9 a.m. and 1.30 p.m.	St. Lawrence San.	Local Board of Health	Miss Lefler, P.H.N., Winchester
Windsor & Riverside	Capitol Theatre Building	Tuesday, Thursdays, & Saturdays 9 a.m.	Dr. C. R. Weber	Local Board of Health	Chest Clinic
Woodstock	General Hospital	1st Wednesday 1 p.m.	Queen Alexandra San.	Local Board of Health	Dr. F. S. Ruttan, M.O.H

DIVISION OF INDUSTRIAL HYGIENE

J. G. CUNNINGHAM, B.A., M.B., D.P.H., *Director*

The war has emphasized the attention which must be directed to measures for the control of general sickness, occupational diseases, and fatigue in industrial workers. Health, important for its own sake, becomes much more important as a factor in maximum sustained output as required at the present time. As far as industry is concerned, when the need has been pointed out, the initiative rests with employers of labor.

1. General Sickness:

It should be appreciated that general sickness is the main cause of lost time from work, responsible for ten times as much absence as industrial accidents. If this sickness is to be recognized early and disability prevented the physician requires to be brought to the workman in the factory for day-to-day supervision of personal health and of conditions of work—no more than is now provided for the armed forces.

An increasing number of factories provide for varying degrees of supervision not for treatment but for prevention, but this is apt to be limited to those who have large numbers employed, whereas the majority of workers are in plants employing less than two hundred. Only a few of the factories developed for war purposes have such facilities. It should be recognized that the details of personnel and equipment for this purpose require the same careful consideration as those for the engineering, administrative or other aspects of plant organization. It is quite practical to extend the same facilities to small factories and this should be carried out without delay.

A recent survey by the Department of Pensions and National Health, Ottawa, covering existing medical facilities and records of sickness in industry showed that in Ontario in plants with less than five hundred employees, twenty-one per cent. of these reporting, representing twenty-nine per cent. of the employees in the group, had a physician in some capacity. Five per cent. of these plants with thirteen per cent. of the employees had a nurse. Fifteen per cent. of these plants with twenty-seven per cent. of the employees had physical examination. The service is by no means even as complete as this suggests since most of these physicians are merely called in case of accident.

The British Factory Act re-written in 1937, anticipated to a limited degree what was required in 1940, namely, that the Minister will indicate what physicians, nurses and welfare workers the employer is required to provide in war industries; again, not for the treatment of disease but for the supervision of health and working conditions to prevent lost time and disability. This Division of the Department has access to the experience which has been gained with such measures in factories here and elsewhere and is ready to assist in their extension.

2. Occupational Diseases:

Longer working hours, new employees, new processes and pressure for maximum output increase the number of cases of occupational disease.

(1) Almost daily consultation with the Department of Labour on plans for new factories or extensions required to be submitted, have made it possible to anticipate to a considerable extent the new hazards which may arise and to make recommendations for their control.

(2) The reporting of occupational diseases to the Department is quite unsatisfactory but judging by the number which has been recorded and excluding the manufacture of munitions, there is already a marked increase, particularly in the reporting of cases of skin irritation and of lead poisoning.

(3) Markedly increased machine tool work with constant contact with lubricating oil has produced groups of cases of "boils" which are apt to spread rapidly through the shop, with discomfort, lack of rest and consequent inefficiency. Strict cleanliness and local skin protection are necessary for control.

(4) In aircraft factories where sandblasting and the use of "dopes" present hazards, in foundry extensions, rail car wheel manufacture, industrial x-ray installations and more directly touching the war, in the manufacture of munitions and explosives, detailed recommendations have been made.

(5) The assaying of metals has been an important source of lead poisoning, but since the distribution of cases has broadened, the extent of the disability associated with this condition may be stressed by reference to two cases at first presenting the ordinary manifestations of this condition. One of them has for six years presented marked weakness of certain muscle groups, considerable cardio-vascular change and has been able to do very light work; the other after five years is still totally disabled with wasting of muscles, numbness, excessive sweating and marked and progressive nervous instability.

(6) The importance of persistent maintenance of dust control equipment is illustrated by tests for load in the air in storage battery manufacture all in excess of the allowable limit, in a factory known to be interested in the health of its employees.

(7) Nitrous fume exposures are dangerous in low concentrations and require special mention because of the few hours delay between the exposure and onset of symptoms which make it difficult to relate cause and effect. There have been a few cases with no known deaths this year but nitration processes are becoming extensive.

(8) Trinitrotoluene (T.N.T.)manufacture and use presents a hazard, which as with nitrous fumes, was the frequent cause of serious disability in the last war. T.N.T. attacks the liver and the blood and may enter the body by the inhalation of dust or fumes, or by absorption through the skin. Disability can largely be avoided with adequate ventilation and frequent periodic physical examination now in effect. There have been two mild cases.

(9) Three cases of gassing with chlorine in an industrial laboratory emphasize the need for all precautions by chemists and technicians, who are apt to discount the hazard even when familiar with it.

(10) Difficulties in replacing staff have reduced the detailed structural recommendations for dust control in foundries and particularly the tests of the adequacy of recent installations. Progress has been made in the control of dust at shake-out operations and general housekeeping is widely improved. Wheel foundries present special problems which have been investigated in some detail.

Gross dust exposure where little or no silica was involved as with talc, gypsum, cement, iron ore sinter, grain, nepheline syenite, abrasive grinding, should not be ignored. Enquiry is made as the opportunity offers, including dust counts and x-ray examinations. Occasional cases with x-ray changes have arisen, e.g., in gypsum with a small amount of silica dust added, and in artificial abrasive grinding and polishing, the dust containing 4.8% silica (total), where they might not be expected, but, apart from this, the bronchial irritation from non-siliceous dusts probably influences the incidence of non-tuberculous respiratory disease.

(11) Twenty-one companies have reported regularly on periodic physical examinations conducted among workers exposed to lead, benzol and radium in accordance with the regulations under The Factory, Shop and Office Building Act. There has been no case of poisoning in this group although a few transfers have been made to avoid the possibility of poisoning.

(12) The industrial clinic has conducted physical examinations either on survey to determine the presence of a hazard, or to assist in diagnosis as follows:

Silicosis Referee Board Examinations	434
Factory Examinations	178
Examinations for Mining Certificates	19
Miscellaneous Examinations	30
Industrial X-ray film interpretations for physicians in Ontario	635
Industrial X-ray film interpretations for physicians in other Provinces	145
Normal School Students	269
Selected cases for investigation on aluminum dust (thirty of these were chosen for observation by Dr. D. W. Crombie and Dr. J. L. Blaisdell)	100
NON-INDUSTRIAL BOARDS:	
Superannuation Board	14
Civil Service Corps	565
Employment Board	266
Police and Guards Board	195

(13) Laboratory determinations include examinations of one thousand blood smears for assistance in diagnosis. The distribution of samples for chemical analysis is as follows:—

SUMMARY OF LABORATORY WORK

Number of Samples	Nature of Samples	Hazard
94	Urines	Lead
10	Paints and lacquers	
37	Air samples and dusts	
5	Miscellaneous	
32	Urine, hair and finger nails	Arsenic
206	Press cakes and refining solutions	
3	Drinking waters	
8	Rocks, air samples, etc	
3	Paints and dust	Antimony
3	Textiles (sized)	Chromium
27	Furs	Mercury
19	Air samples	
13	Lungs	
10	Rocks and minerals	Silica
11	Partines	
4	Abrasives	
26	Air samples and dusts	
7	Blood and air samples	Carbon Monoxide
4	Miscellaneous	Cyanides
11	Paints and lacquers	Benzene
26	Solvents and diluents	
1	Urine	
28	Urines	Trinitrotoluene
4	Solvents	Chlorinated Hydrocarbons
2	Solvents	Methyl Alcohol
17	Oils and fats	Skin Irritation
20	Textiles (sized)	
8	Miscellaneous	
6	Solvents, etc	Fire
645	Total Samples	

There has been a fifty per cent. increase in the number of requests for investigations, some small and others of considerable scope. These cover the usual wide variety of subjects affecting the health of wage-earners, such as welding, radium dial painting, nitrous fumes, nickel formate, pitch dermatitis, lead poisoning from ship breaking, lead azide, control of tuberculosis, canisters for carbon dioxide, silicosis in coal miners, diphenyl and diphenyloxide, chlorosulphonic acid, etc.

The Division has rendered technical assistance to the Factory Inspection Branch of the Department of Labour, the Workmen's Compensation Board, the Industrial Accident Prevention Associations, industries and physicians.

Some Subjects of Special Investigation:

(1) In co-operation with the Department of Mines a survey was made in gold refining mills to determine the arsenic content of cyanide solutions on account of the development of certain cases of arsine poisoning. These were of a chronic type not usually encountered, associated with exposure to exceedingly small amounts over a period of time. From previous experience it was possible to make correction without temporarily closing the mill. To avoid other cases of the type, there was developed a ready field means for the determination of arsine in air to be conducted by mill superintendents. Frequent periodic physical examination was initiated. No further cases have developed.

(2) Carotting of furs is not carried out in the Province but with storage, mercury vapor is emitted which contaminates the air in storage rooms and at nearby operations. Analyses of the air in these locations showed

amounts in excess of the allowable limit at nearby operations in one of three plants, so that the arrangements for storage were changed to avoid this. Examination of workmen exposed presented no gross evidence of mercurial poisoning.

(3) Some cases of skin irritation and gastro-intestinal disturbance were encountered among farmers, associated with the use of a product containing ethyl mercury phosphate. No serious cases of mercury poisoning have arisen here but as this product is used as a disinfectant for seed grain, it is important that the precautions indicated on the label of the container be observed in its use.

(4) In rayon manufacture the concentrations of carbon bisulphide in the churn-room and of hydrogen sulphide in the spinning-room were determined and arrangements made whereby the company would carry out its own analyses. In the churn-room in spite of good general ventilation and local ventilation on the churns which operates when being emptied, some tests reached fifty parts per million. There has been no evidence of poisoning, but rotation of workmen is in effect.

(5) Artificial resins made outside the country and used for sizing cloth have been responsible for outbreaks of skin irritation in those working with them and in those using the material in apparel. Tests made to determine the offending agent have resulted in its removal. To an increasing extent this type of test is being carried out by those marketing new products, to reduce to a minimum the likelihood of occupational disease.

(6) Five workmen with many years' exposure to low concentrations of sodium silicate dust presented no abnormality on x-ray examination.

(7) Tests of lead in air at the operation of hardening files showed concentrations in excess of the accepted limit. The dipping pots covered with charcoal and with adequate temperature control apparently discharged sufficient oxide of lead to constitute a hazard.

Development or Revision of Equipment for Special Purposes:

(1) Development of equipment for a routine collection and quantitative analysis of arsine in air for the mining industry.

(2) A portable carbon monoxide detector.

(3) An auxiliary fitting for the Midget Impinger for use by one person.

Physiological Hygiene:

Under the arrangement for industrial hygiene at the School of Hygiene, University of Toronto, inquiry has been made into the toxicity of benzol of petroleum origin marketed under a trade name. Experiments indicate that benzol from this source produces effects in animals comparable to those of benzol of coal tar origin.

Experiments with the Fujiwara test suggest that it may be useful for the determination of the excretion products of T.N.T. in urine. The test is being applied to workers so exposed.

Chemical enquiry and animal experiments with suspected carcinogenic material are in progress.

Fatigue:

The importance of this state is apt to be discounted, but its possible effect on output under war conditions can hardly be over-emphasized. The recorded increase in sickness absence under conditions of stress is very largely attributable to it, brought about by unfavourable conditions of work and of living incidental to rapid expansion in industry. Many men are working sixty and some seventy hours a week. There is an optimum figure for this which is not always easy to determine and varies with the kind of work, but it is important to remember that the response to excessive hours of work is immediate in reduced output, while recovery when the condition is corrected is a matter of months. There enters also night work and conditions of ventilation, lighting, speed of operation, which, if unfavourable, contribute to reduced output through ill-health. The requests to the Department of Labour for permits for overtime and night work for women sometimes suggest total lack of appreciation of these facts. It is wise to recall that the death rate from tuberculosis in women fifteen to twenty-four in the last war increased by fifty per cent. while no increase was recorded in those over forty-five years of age not employed or in those in non-industrial areas. In these respects it is essential that existing information be applied in the interest of sustained output.

The following articles have been prepared and delivered or published during the year:

"Industrial Medical Service in Peace and War," by Dr. F. M. R. Bulmer, published in The Canadian Public Health Journal, March, 1940.

"Chronic Arsine Poisoning Among Workers Employed in the Cyanide Extraction of Gold: A Report of Fourteen Cases," by F. M. R. Bulmer, H. E. Rothwell, S. S. Polack and D. W. Stewart, published in the Journal of Industrial Hygiene and Toxicology, April, 1940.

"Problems Which Arise in the Handling of Illness among Wage-Earners," by Dr. A. R. Riddell, presented at a meeting of the Academy of Medicine, April, 1940, and published in the Canadian Public Health Journal, May, 1940.

"Maintenance of Health Among Insustrial Workers," by Dr. J. G. Cunningham, presented at the meeting of the Industrial Relations Section, Queen's University, Kingston, June, 1940.

"Silicosis in the Ceramic Industry," presented by Dr. J. G. Cunningham, at the meeting of the Canadian Ceramic Society, Ottawa, October, 1940, and published in the Canadian Ceramic Journal, December, 1940.

"Industrial Health and National Defence," presented by Dr. J. G. Cunningham, at the joint session of the Canadian Public Health Association, Winnipeg, September, 1940, and published in the Canadian Public Health Association Journal, November, 1940.

"Bedding Regulations of the Province of Ontario," presented by Dr. C. M. Jephcott at the meeting of the Montreal Section of the Society of Chemical Industry, December, 1940.

The Committee on Eye Screens for Welders with Dr. L. B. Leppard as Chairman, drew up a report containing specifications for use of equipment designed for protection of welders against injurious radiation.

Since the beginning of the year Dr. L. B. Leppard has enlisted in the Navy and is now overseas. Dr. E. O. Braaten has severed his connection with the Department for work in war industry. These members of the staff are difficult to replace. They are well-trained physicists and their work has been of a high order.

Enforcement of the Bedding Regulations:

In September of this year an amendment was made to the Bedding Regulations providing for a new green label designated "renovated" to be used by those reupholstering or renovating mattresses, pillows, etc. This label avoids the necessity of returning to the customer with a second-hand label, an article which has been sent for repair.

Over one thousand inspection visits were made covering manufacturers, suppliers, retailers and renovators in the enforcement of the regulations. Five hundred and twenty-six articles were placed "off sale", seventy per cent. of them being improperly labelled and the remainder carrying no label. In the course of this work twenty-three hundred chemical determinations were made, on four hundred and fifty samples of material from ninety-six companies, representative of mattress manufacturers, upholsterers, supply houses and renovators, large and small.

In the main, those subject to these regulations have co-operated with the Department in the effort to meet the conditions required, but all five manufacturers prosecuted were convicted and fined as a result of incorrect labelling of product.

Cyanide Fumigation:

It is gratifying to record that there have been no deaths associated with the use of cyanide compounds for fumigation in the Province this year. Three new household licenses and six new commercial licenses have been issued by the Department for this work. Nineteen license renewals each for household fumigation and for commercial fumigation were issued. The number of inquiries as to suitable means for the elimination of vermin is considerable. While the use of hydrocyanic acid gas for this purpose is the most effective means, the dangers associated with it require careful consideration especially when other less dangerous even if less satisfactory materials, are available.

Enforcement of the Regulations for Medical Care of Workmen and Sanitation of Camps in Northern Ontario:

There has been considerable discussion with employers, employees and physicians on the medical aspect of these regulations, directed particularly to possible arrangements for establishing industrial medical services and for correction of some of the difficulties inherent in contract practice. Questions, such as the increased cost of medical care, hospitalization, convalescence outside hospital, consultant services, treatment by physicians other than the contract physician, particularly at a distance, are some of those involved.

The employment of physically handicapped workers *for this type of work* due to the war is likely to be associated with an increased liability to the employer and contract physician for medical care. On this account, consideration has been given to a reduction in the period of liability of the employer for the illness of those leaving work for treatment, from three months to one month.

The scarcity of young assistant physicians for this work in unorganized territory is apparent.

Report of the Chief Sanitary Inspector, Mr. D. S. McKee:

During the year industrial operators in the territorial districts have shown keen interest in the regulations and have closely co-operated with the district inspectors and the Department in the construction of camps and in the improvement of living and working conditions for the employees; also in providing more accessible medical service for the workmen in the camps.

Industrial Camps:

The following summary indicates the extent of industrial operations located in the territorial districts coming under the regulations.

INDUSTRY	No. Operations	No. Camps	No. Men Employed	Average Duration
Lumber and pulpwood	149	431	28,857	6 mos.
Sawmills	27	31	2,586	5 mos.
Mining	60	54	12,995	12 mos.
Construction	23	53	3,681	6 mos.
	259	569	48,119	

In 1940, 7,144 more workmen were employed than in the previous year.

Sanitary Supervision and Medical Service:

A total of 669 investigations and inspections were made by the district sanitary inspectors. This together with 2,208 visits of inspection made by the contract physicians show a grand total of 2,877 camp inspections made during the year.

The economic importance of sanitary supervision of industrial camps and medical care of workmen has been brought to the attention of the operators at every opportunity. Such questions as a safe drinking water supply, sterilization of culinary utensils, adequate accommodation in sleeping quarters to prevent overcrowding and direct contact of occupants, ventilation and the sanitary disposal of human wastes, are all subjects now recognized by the employer as contributing factors to illness, labour turnover, frequency of accidents and lost time which are all directly or indirectly associated with the ultimate cost of production. With these points in view the employers have co-operated with the district inspectors in an effort to improve housing and living conditions in the camps. During the past year an earnest effort has been made by the employers to bring medical service to the camps and workmen rather than sending workmen a long distance for minor treatments, entailing transportation costs and lost time. In such circumstances, the employee too often does not return to the camp, making replacements necessary.

Under the present regulations the employer with 500 or more workmen and with camps located in the same vicinity has the choice of three types of medical service:

(1) He may apply to the Department for authority to establish a full time medical service under Section 21, subsection (6). The service might include the employment of industrial nurses and the establishment of local infirmaries at the operations with an arrangement for all major cases to be treated in a general hospital centre;

(2) Employers may contract with a physician in a hospital centre, who would engage a full-time assistant physician as resident in the camps;

(3) As an established policy the employer is required to enter into medical and sanitation contracts with the nearest or most accessible physician to the camps and workmen employed.

At a meeting in Port Arthur of the lumber and pulpwood operators in September the employers of the districts of Thunder Bay, Kenora and Rainy River had the opportunity of discussing their problems under the regulations with Dr. J. G. Cunningham, Director of the Division of Industrial Hygiene. Such meetings stimulate keen interest and afford an opportunity of giving consideration to any suggested changes in the regulations which might be to the interest of the workmen and the industry in general.

Mining Camps.

The mining industry in the unorganized territorial districts coming under the regulations consisted of 60 operations, 54 camps, employing 12,995 workmen as compared in 1939 with 72 operations, 75 camps and 9,813 workmen. During 1940, 3,182 more workmen were employed and the decrease in the total number of operations and camps may be accounted for by the number of small prospective mining camp operations having closed owing to present war conditions. The producing mines, however, have increased the number of workmen during the year considerably.

The mining industry with camps usually of a permanent nature and established for a long duration, does not present the same problems as other industrial operations. Lumber and construction or other industrial camps whose sites are more or less of a temporary nature, stay from two to three years, and often left entirely in the control of contractors, sub-contractors or jobbers, make necessary more frequent investigations and return inspections by the district sanitary inspectors.

For years the problem of new townsites developing adjacent to or near the mines has presented sanitary problems. However, the present arrangement whereby the Surveyor-General's Department will not issue final approval for the promotion of new townsites before a sanitary survey is made by one of our inspectors is more satisfactory and should eliminate considerable difficulty regarding water supplies, drainage and sewage disposal as the townsites develop.

Construction Camps:

In the construction operations of various types throughout the year as reported, we have had 23 operations, 53 camps, 3,681 workmen employed against only 580 workmen employed in 1939. Evidently with the uncertainties of war during 1939, road and other construction work was curtailed to the minimum whereas during 1940, power line and other industrial camp construction work was stimulated to some extent.

Industrial Physicians:

During the year the industrial physician has shown sympathy in our problems under the regulations and has assisted very materially by close co-operation with the district inspectors and with the central office. It is evident by the increased number of physician's first and subsequent reports received monthly that more frequent visits of inspection by the doctors are now made and more time spent in the camps, which is desirable for the workmen. The following is a brief summary of medical services rendered by the contract physicians as compiled from the monthly reports submitted to the district inspector and to the central office during the year:

Camp Inspection Reports Received	No. of Men Treated	Physical Examinations	Communicable Diseases	Immunizations
2,208	28,760	14,303	1,871	7,276

In comparing the number of industrial physicians' monthly reports recieved with other years it should be borne in mind that there has been a gradual increase in the number of reports and the type of information submitted though there is still room for improvement in regular monthly inspections and reports on many of the more isolated camps.

Communicable Diseases:

The following list of communicable diseases is compiled from the contract physicians' monthly reports:

Influenza	1213	Scarlet Fever	12
Diarrhoea	315	Typhoid Fever	10
Scabies	82	Tuberculosis	5
Conjunctivitis	51	Mumps	5
Pneumonia	48	Chickenpox	3
Gonorrhoea	44	Syphilis	3
Dysentery	33	Erysipelas	1
Impetigo	28	Encephalitis	1
Measles	17		

It will be noted that ten cases of typhoid fever developed. These were more or less of a sporadic nature: 4 cases at the mines in the Geraldton area; 1 case in a lumber camp in Timmins area; 1 case in a construction camp, Matheson; 2 cases reported from the lumber camps, Heron Bay; and 2 cases in lumber camps, North Bay area. Influenza was epidemic in some camps during the late Fall. Diarrhoea and dysentery were prevalent in many camps, but at no time epidemic, and as reported would show a considerable reduction over other years.

One of the most important potential causes of infection in industrial camps is the open top drinking-water container and common drinking cup or dipper. Provision has been made in the regulations requiring standard drinking water containers with lid and tap. During the past year the inspectors were instructed to give more attention to this question. From reports received from the inspectors apparently they have met with very satisfactory results and co-operation from the operators.

It might be borne in mind that many of these industrial camps are located miles from the nearest railway centre or highway. Two operations were recently established, one at Berens River, 198 miles north of Kenora, and another at Sachigo River, 300 miles north of Kenora. Reports are received regularly each month on both these camps from the contract physicians.

Combined with communicable disease in industry the inspectors have been called upon to investigate 575 cases of communicable disease in the unorganized settlements to enforce the regulations. When necessary the assistance of the nearest and most accessible resident physician is engaged for diagnosis or other advice by the inspectors.

Again this year your inspectors have taken over new fields of work under The Public Health Act and Regulations, such as the sanitary supervision of blueberry pickers' camps, investigations on home conditions of convalescent tuberculosis patients; and the registration of known chronic and convalescent typhoid carriers in the inspectors' districts.

Typhoid Carriers:

During the year a measure of supervision and recording of known typhoid and paratyphoid carriers resident in unorganized territory has been put into effect. These records will be of interest and possibly some assistance to the inspector relative to new developments of the disease which might be traced to such carriers. In all we have to date a record of 12 known chronic carriers and 5 convalescent carriers residing in the unorganized districts under supervision.

Blueberry Picking Camps:

Following the policy of the Department adopted in 1939 in regard to the prevalence of typhoid among the blueberry pickers in the Matheson area, Mr. N. Laxton was again appointed from July to September 15th. The area covered by Mr. Laxton in the sanitary supervision of the camps included six townships, 137 established camps housing 327 adults and 133 children, as well as the blueberry pickers who moved into the area and established camps. Hundreds of other pickers go out to the same townships by auto and in trucks in the early morning, returning at night, making sanitary supervision very difficult. However, it is gratifying to note that not one case of typhoid or other communicable illness developed among this group in the past two years.

During the spring and summer months the district sanitary inspectors have carried out sanitary surveys and investigations of complaints in the various unorganized towns and villages, covering at the same time inspections of tourist camps, summer fresh air camps and motor camps, etc.

In regard to the sanitary supervision of the unorganized settlements with a population of from 500 to 2,000, it has again been drawn to our attention that further consideration might be given to some form of legislation to make provision in The Public Health Act for the establishment of local sanitary area boards, giving them authority to deal with purely local conditions and follow-up work after our inspectors have spent considerable time in the area on sanitary surveys. During the year the district sanitary inspectors report having made 1,070 investigations in these unorganized communities, many of which are follow-up inspection work, which might be dealt with by a local sanitary area board, if such were in existence.

CANCER CONTROL ANNUAL REPORT, 1940.

The statistical summary of new cancer cases treated in the cancer clinics of Ontario follows this report. (See page 164).

The report of the Department of Health to the British Empire Cancer Campaign contained a statement by Dr. G. E. Richards, Director, Ontario Institute of Radiotherapy, Toronto General Hospital, of five years' experience with the radium bomb provided by the Government. The conclusions cited were as follows:

> "Teleradium therapy has proved itself to be an extremely valuable method of administering radium to tumours of relatively small size which are situated in accessible locations. These include lesions occurring in the nose and throat, lips and oral cavity, pharynx and larynx, certain primary breast tumours, occasional cases of skin cancer, and the male genital organs.
>
> "Owing to the relatively small size of the beam of radiation it is unsuitable for use in very large or bulky tumours of those deeply situated in the body.

> "When administered by the fractional-dose method it presents no greater difficulty and carries no greater risks than High Voltage X-ray therapy in general and the safety precautions both for patient and personnel are similar."

The meeting of the cancer clinic directors projected for June, 1940, was held for the discussion of technical problems. The arrangement was very satisfactory and culminated with a joint meeting with the Cancer Committee of the Ontario Medical Association for discussion of the definition of stages of the disease looking toward more uniform records. It is desirable that these meetings be held twice a year as far as present conditions permit.

The increase in the number of new cases of cancer coming to the clinics for treatment is gratifying but in too many instances the stage at which they arrive still leaves much to be desired. The question of transportation of indigent, and especially near-indigent, patients is an important one. The extent to which various schemes in effect in the Province for medical care provide for the treatment of cancer varies considerably, but at least such schemes are likely to assist in bringing cases of cancer under treatment at an earlier stage.

A total of 6,686 millicuries of radon were supplied from the emanation plant in radon seeds, mainly to the clinics.

The X-ray equipment of the cancer clinics was calibrated each six months, including measurement of output, quality of radiation and percentage depth-dose. At the same time the radium supplied by the Government to the clinics was checked.

Lost radium was recovered with the aid of the Geiger Counter on three occasions. One ten-milligram needle was found in a hospital laundry, one six-milligram needle was found in the incinerator and one ten-milligram needle and two five-milligram needles were found at several feet depth in a dump. A fourth needle of ten-milligrams was destroyed by fire. In only one of these instances was Government radium involved.

Several pieces of equipment were either built or modified in connection with this work:—

(1) A portable Geiger Counter, housed in a single unit weighing about twenty pounds to take the place of our former instrument comprising three units and weighing over eighty pounds. The advantages are obvious.

(2) Equipment (temporary) was set up for the purpose of electrolysing mercury solutions.

(3) A series of fittings and auxillary equipment was developed to aid in the measurement of X-ray quality, depth-doses, etc.

THE FIFTH ANNUAL STATISTICAL REPORT ON CANCER

CALENDAR YEAR 1940

This report presents certain information on cancer mortality which is now available for the year 1939, and describes the work performed by the seven Cancer Centres in Ontario during the year 1940.

CANCER MORTALITY

The volume of deaths attributed to cancer in Ontario annually since 1920 is shown in Table A. It is necessary to emphasize that the figures shown in this table refer to deaths *attributed* to cancer and that all such statistics dealing with causes of death over a considerable period of time must be viewed with caution because of possible changes in methods of death certification. Keeping this in mind, it nevertheless appears that the gross number of deaths in this province attributed to cancer has nearly doubled during the last twenty years. The proportion of all deaths attributed to this cause has risen from 6 to 12 per cent. since 1920. The crude death rate for cancer, which showed a steady and continuous increase from 95.1 per 100,000 population in 1925 to 120.4 per 100,000 population in 1936, has remained at about that level for the past four years.

TABLE A

RECORDED CANCER MORTALITY

ONTARIO, 1920-1939

YEAR	Total Deaths All Causes	Cancer Deaths	Per Cent. of Total Deaths	Crude Death Rate*
1920	40,440	2,464	6.1	85.2
1921	34,551	2,585	7.5	88.1
1922	34,034	2,609	7.7	87.5
1923	35,636	2,724	7.6	89.9
1924	33,078	2,946	8.9	96.2
1925	33,960	2,951	8.7	95.1
1926	35,909	3,116	8.7	99.0
1927	34,775	3,117	9.1	99.7
1928	37,128	3,441	9.3	106.8
1929	38,123	3,402	8.9	104.0
1930	37,313	3,635	9.7	109.7
1931	35,705	3,726	10.4	108.6
1932	36,436	3,825	10.5	110.1
1933	35,301	4,044	11.5	114.7
1934	35,105	4,034	11.5	113.2
1935	36,317	4,214	11.6	117.1
1936	37,571	4,441	11.3	120.4
1937	38,475	4,527	11.8	122.0
1938	36,890	4,472	12.1	119.9
1939	37,530	4,567	12.2	121.7

*Rate per 100,000 population (estimated).

Site of Disease.—A study of the recorded cancer deaths by site and sex for the five-year period 1935-1939 provides some indication of organ incidence among men and women. The distribution of cases is shown in Table B. of the

22,241 deaths attributed to cancer during this five year period nearly one-third (31.2%) were classifiable as cancer of the digestive tract (other than stomach and duodenum.) This is the most frequent site for both men and women. Among men the next most frequent site is the stomach and duodenum which is reported in more than one-quarter (25.1%) of male cancer deaths. Among women the next most frequent sites are the genital organs and breast with approximately one-fifth of female cancer deaths classified under each.

TABLE B
CANCER DEATHS BY SEX AND SITE
ONTARIO, 1935-1939

SITE	Males		Females		Both Sexes	
	Deaths	Per Cent. of Total	Deaths	Per Cent. of Total	Deaths	Per Cent. of Total
Stomach and Duodenum	2,627	25.1	1,603	13.6	4,230	19.0
Other Digestive Tract	3,337	32.0	3,610	30.6	6,947	31.2
Genital Organs	1,289	12.4	2,417	20.5	3,706	16.7
Breast	27	0.3	2,414	20.4	2,441	11.0
Buccal Cavity	630	6.0	145	1.2	775	3.5
Urinary Organs	726	7.0	380	3.2	1,106	5.0
Respiratory Organs	650	6.2	279	2.4	929	4.2
Skin	272	2.6	180	1.5	452	2.0
Other or Unspecified Sites	871	8.4	784	6.6	1,655	7.4
ALL SITES	10,429	100.0	11,812	100.0	22,241	100.0

Three-quarters of all cancer deaths recorded during this five year period were classified under one or other of the first four sites listed in Table B.

Age.—The relative importance of cancer as a cause of death in the various age groups is indicated in Table C. During 1939, 12.2 per cent. of all deaths in the province were attributed to cancer. This disease holds second place as a cause of death at ages over 50 and under 70. At these ages it is exceeded in frequency as a cause of death only by diseases of the heart. At ages 20-49 and at ages above 70 cancer ranks as the third most frequent cause of death. While the death rate for cancer increases rapidly at ages over 50 it should be noted that nearly 14 per cent. of the cancer deaths in 1939 occurred at ages under 50.

TABLE C
CANCER AS A CAUSE OF DEATH BY AGE
ONTARIO, 1939

AGE GROUP	Cancer Deaths	Per Cent. of All Deaths	Rank as a Cause of Death	Specific* Death Rate	Per Cent. of Cancer Deaths
0–19	38	0.8	....	3	0.8
20–49	595	11.7	Third	37	13.0
50–59	893	20.2	Second	260	19.6
60–69	1,211	17.6	Second	533	26.5
70 and Over	1,827	11.1	Third	1,182	40.0
ALL AGES	4,567	12.2†	Second	121.7	100.0

*Per 100,000 population. †Total deaths in 1939 were 37,530.

Special concern is naturally directed toward those cases in which a death is attributed to cancer of an accessible site at ages under 70 years. Table D provides some information in respect to these cases. Of the 1,230 cancer deaths which occurred among males under 70 years of age, only 81 or 6.6 per cent. were classifiable under the accessible sites listed. In striking contrast to this is the fact that of the 1,507 cancer deaths occurring among females under seventy years of age 668 or 44.3 per cent. were so classified. Nearly one-quarter of the cancer deaths among females under seventy years of age were breast cases.

TABLE D

"ACCESSIBLE" CANCER MORTALITY AT AGES UNDER 70

ONTARIO, 1939

Site	Males		Females	
	Deaths	Per Cent.	Deaths	Per Cent.
Oral Cavity	54	4.3	13	0.9
Breast	6	0.5	373	24.7
Uterus	0	....	271	18.0
Skin	21	1.7	11	0.7
Total	81	6.6	668	44.3
Other Sites	1,149	93.5	839	55.7
All Sites	1,230	100.0	1,507	100.0

ONTARIO CANCER CENTRES—CALENDAR YEAR 1940

At the beginning of each calendar year the Provincial Department of Health receives from each of the seven Cancer Centres, the statistical record cards for all new patients admitted to these clinics during the previous year. The Division of Medical Statistics tabulates the information shown on these cards and prepares a statistical report dealing with the age, sex, site of disease, place of residence, etc., of all new patients seen by the clinics. This procedure makes available uniform statistical information in respect to a large proportion of the new cancer patients under treatment in this province. Each Cancer Centre is supplied by the Division with an individual report concerning its own patients and these individual reports when combined provide the data for the present report.

Table 1 shows the volume of new cases seen and treated by each clinic during the calendar year 1940. A total of 4,238 new patients were *treated* in these centres during the year. One-half of these were cancer cases, the other half being classified as cases with non-malignant tumours and non-neoplastic diseases.

TABLE 1

NEW CASES ADMITTED — BY CENTRE

CALENDAR YEAR 1940

Centre	New Cancer Cases						Non-Cancer Cases†	Total New Patients Treated
	On Record			Treated*				
	Private	Public	Total	Private	Public	Total		
Hamilton...	250	77	327	245	77	322	394	716
Kingston....	127	49	176	120	42	162	379	541
London......	98	73	171	93	55	148	169	317
Ottawa (C)	185	87	272	169	68	237	205	442
Ottawa (G)	57	56	113	44	42	86	93	179
Toronto......	483	536	1,019	474	499	973	670	1,643
Windsor......	169	51	220	157	44	201	199	400
Total....	1,369	929	2,298	1,302	827	2,129	2,109	4,238

*Treated by any method or combination. Includes cases treated by surgery alone, but excludes palliative surgery.

†Non-malignant tumours and non-neoplastic diseases.

A total of 2,298 new cases of cancer were *seen* during the year. All but 169 of these cases received some form of treatment in the clinics. Thus in 1940, 2,129 new cancer patients received treatment, as compared with the total of 2,267 cases treated during the previous year.

It will be observed that the number of private cases exceeds that of public cases at every centre, except Toronto. Sixty-one per cent. of all new cancer cases treated were private cases.

Table 2 shows the number of new cancer cases seen during the year by site of disease for each of the Cancer Centres. A comparison of these figures with comparable figures for the previous year shows slight increases for cases classified under breast, air passages and rectum. There was a decrease in the number of cases classified under oral cavity from 366 in 1939 to 331 in 1940.

TABLE 2

NEW CANCER CASES ADMITTED—BY SITE OF DISEASE

CALENDAR YEAR—1940

Centre	Breast		Uterus		Oral Cavity		Air Passages		Rectum		Other Sites		Total	
	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Private	Public
Hamilton	72	20	30	14	18	8	3	0	8	1	119	34	250	77
Kingston	28	8	7	12	15	6	2	2	3	2	72	19	127	49
London	19	8	18	8	15	7	1	3	3	3	42	44	98	73
Ottawa (C)	41	11	12	16	29	10	6	4	3	10	94	36	185	87
Ottawa (G)	8	10	6	12	5	11	0	1	3	1	35	21	57	56
Toronto	91	96	32	94	94	96	9	22	4	14	253	214	483	536
Windsor	31	8	24	5	12	5	6	2	6	2	90	29	169	51
Total	290	161	129	161	188	143	27	34	30	33	705	397	1,369	929
Total by Site	451		290		331		61		63		1,102		2,298	
Per Cent	19.6		12.6		14.4		2.7		2.7		48.0		100.0	

A comparison of the volume of new cancer cases treated by radiotherapy (alone or in combination with other methods) in each centre during the four year period 1937-1940 inclusive, is shown in Table 3. The total number of new cancer patients so treated in 1940 was 2,079. This represents a decrease from the previous year.

TABLE 3

NEW CANCER CASES TREATED BY RADIOTHERAPY*

1937-1940

CENTRE	Private				Public				Total			
	1937	1938	1939	1940	1937	1938	1939	1940	1937	1938	1939	1940
Hamilton........	189	233	265	244	77	69	108	77	266	302	373	321
Kingston........	153	135	129	117	45	48	55	42	198	183	184	159
London..........	72	80	75	92	55	64	64	51	127	144	139	143
Ottawa (C)....	148	159	172	165	85	81	85	62	233	240	257	227
Ottawa (G)....	30	44	41	32	34	40	55	38	64	84	96	70
Toronto..........	505	498	501	474	470	477	509	487	975	975	1,010	961
Windsor..........	108	99	133	155	28	31	33	43	136	130	166	198
TOTAL...... ..	1,205	1.248	1,316	1,279	794	810	909	800	1,999	2,058	2,225	2,079

*Alone or in combination with surgery or other methods. Cases treated by surgery alone and cases not treated are excluded.

A summary of the new cases treated during the year by site of disease is provided in Table 4. This table also shows the number of cases recorded as alive on December 31, 1940. There is little change in the distribution of cases according to site as compared with the previous year. Again slightly over 70 per cent. of the new cases treated were classifiable under "accessible" sites (breast, uterus, oral cavity and skin) which are particularly amenable to radiotherapeutic treatment.

TABLE 4

TOTAL NEW CASES TREATED DURING 1940 — BY SITE

Site of Cancer	Private		Public		Total		Grand Total	
	Alive†	Dead	Alive†	Dead	Alive†	Dead	Number	Per Cent.
Breast	261	17	132	20	393	37	430	20.2
Cervix Uteri	80	12	116	15	196	27	223	10.5
Body of Uterus	30	4	15	5	45	9	54	2.5
Lip	113	2	67	6	180	8	188	8.8
Tongue	18	5	17	2	35	7	42	2.0
Other Oral‡	36	8	31	12	67	20	87	4.1
Air Sinuses	3	3	11	2	14	5	19	0.9
Larynx	9	0	8	1	17	1	18	0.8
Other Air Passages	10	2	5	5	15	7	22	1.0
Rectum and Anus	22	4	19	3	41	7	48	2.3
Skin	376	5	109	3	485	8	493	23.2
Vagina	1	0	5	2	6	2	8	0.4
Ovary	23	5	15	2	38	7	45	2.1
Bone	17	4	4	1	21	5	26	1.2
Other Dig. Tract	16	11	5	14	21	25	46	2.2
Other Sites*	162	43	139	36	301	79	380	17.8
Total	1,177	125	698	129	1,875	254	2,129	100.0

†As at December 31, 1940 (reported). ‡Including tonsil.

*Comprising leukaemia, Hodgkin's disease, etc.

Table 5 shows the distribution of new treated cases by site, centre and status. As compared with comparable figures for the previous year there has been some increase in the number of cases classified as breast, cervix uteri and tongue, whereas, a slight decrease is shown in the number of cases classified under corpus uteri, lip and other oral sites. Of the total number of new cases treated, breast cases constituted 20.2 per cent., uterus cases 13.0 per cent., buccal cavity 14.9 per cent. and skin cases 23.2 per cent. Taken together these include 71.3 per cent. of all new treated cases.

TABLE 5

NEW CANCER CASES TREATED‡ BY SITE, CENTRE AND STATUS

CALENDAR YEAR—1940

SITE OF CANCER	Hamilton		Kingston		London		Ottawa (C)		Ottawa (G)		Toronto		Windsor		ALL CENTRES		
	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Total
Breast	72	20	26	7	19	5	35	11	8	9	89	92	29	8	278	152	430
Cervix Uteri	17	11	4	9	15	7	11	10	4	12	26	80	15	2	92	131	223
Corpus Uteri	13	3	3	1	2	1	1	3	2	0	4	9	9	3	34	20	54
Lip	9	3	9	3	10	3	20	6	2	6	56	51	9	1	115	73	188
Tongue	3	2	1	0	0	1	3	0	1	1	14	14	1	1	23	19	42
Other Oral*	6	3	3	2	4	3	4	4	2	3	23	25	2	3	44	43	87
Air Passages†	3	0	2	1	1	3	6	4	0	1	9	21	6	2	27	32	59
Rectum	8	1	3	2	2	2	3	3	1	0	3	12	6	2	26	22	48
Skin	61	11	55	12	19	14	56	9	12	5	147	49	31	12	381	112	493
Ovary	5	1	2	1	0	1	3	4	2	0	13	10	3	0	28	17	45
Other Sites	48	22	12	4	21	15	27	14	10	5	90	136	46	10	254	206	460
TOTAL	245	77	120	42	93	55	169	68	44	42	474	499	157	44	1,302	827	2,129
CLINIC TOTALS	322		162		148		237		86		973		201		2,129		....

‡By radium, X-ray or surgery, or any combination of these three.

†Includes air sinuses, larynx, pharynx and nasal fossae.

*Includes buccal surface of cheek, tonsil, etc.

The effectiveness of treatment is significantly related to the stage of the disease at the time when the patient first presents himself for treatment. Information on the stage of the diseases found among new patients is therefore a matter of considerable importance. Table 6 shows the distribution of new cases by site and stage for the year 1940 and also for the five year period 1935-1939 as a basis for comparison. For each of the six sites shown in this table there has been some increase in the proportion of cases presenting themselves for treatment while the disease is still in stage I. In breast cases there has been a considerable annual decline in the proportion of new cases found to be in stage III, as is shown by the following figures: 1934—40.2 per cent.; 1935—36.5 per cent.; 1936—35.5 per cent.; 1937—28.2 per cent.; 1938—23.0 per cent.; 1939—20.4 per cent.; and 1940—20.9 per cent.

TABLE 6

STAGE OF DISEASE ON ADMISSION—CERTAIN SITES*

NEW TREATED CASES—1935-1939 AND 1940

Site of Cancer	Stage of Disease	1935–1939		1940	
		Cases	Per Cent.	Cases	Per Cent.
Breast	I	328	30.7	90	34.9
	II	437	41.0	114	44.2
	III	302	28.3	54	20.9
	Total	1,067	100.0	258	100.0
Cervix Uteri	I	120	13.6	34	16.1
	II	295	33.5	61	28.9
	III	347	39.4	75	35.5
	IV	119	13.5	41	19.4
	Total	881	100.0	211	100.0
Lip	I	687	75.5	136	77.7
	II	176	19.3	27	15.4
	III	38	4.2	8	4.6
	IV	9	1.0	4	2.3
	Total	910	100.0	175	100.0
Tongue	I	42	24.4	11	26.8
	II	61	35.5	17	41.5
	III	54	31.4	11	26.8
	IV	15	8.7	2	4.8
	Total	172	100.0	41	100.0
Other Oral	I	67	18.6	24	29.3
	II	177	49.0	26	31.7
	III	90	24.9	22	26.8
	IV	27	7.5	10	12.2
	Total	361	100.0	82	100.0
Skin	I	2,111	85.1	389	88.0
	II	285	11.5	44	10.0
	III	65	2.6	6	1.4
	IV	21	0.8	3	0.7
	Total	2,482	100.0	442	100.0

*Recurrences excluded.

There continues to be evidence of greater delay in beginning treatment for public patients as compared with private patients. Table 7 illustrates this difference in the stage of the disease at the time when treatment is begun. In breast cases during 1940, 38.6 per cent. of the private cases presented themselves for treatment before local spread or metastases had ocurred, whereas, this was true of only 26.8 per cent. of public cases. In the other sites shown the contrast is no less striking.

TABLE 7

STAGES OF DISEASE—PUBLIC AND PRIVATE CASES—CERTAIN SITES*

NEW CASES TREATED ONLY—1940

Stage	Breast				Cervix Uteri				Oral Cavity			
	Private		Public		Private		Public		Private		Public	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
I	68	38.6	22	26.8	18	21.7	16	12.5	119	71.3	52	39.7
II	77	43.8	37	45.1	29	34.9	32	25.0	29	17.4	41	31.3
III	31	17.6	23	28.1	29	34.9	46	35.9	13	7.8	28	21.4
IV	....	......	....	......	7	8.4	34	26.6	6	3.6	10	7.6
Total	176	100.0	82	100.0	83	100.0	128	100.0	167	100.0	131	100.0

*Excluding recurrences.

Table 8 shows the number of new patients seen, the number of patients with recurrences and the number of patients not treated, by site for the year 1940. The number of patients treated for recurrences has decreased from 184 in 1939 to 147 in 1940. It will be noted that one-third of these 147 recurrences were breast cases. The number of cases not treated has increased from 123 in 1939 to 169 in 1940.

TABLE 8

CLASSIFICATION OF NEW CASES ADMITTED DURING 1940

Site of Cancer	Classification				Total
	Primary	Previous	Recurrent	Not Treated	
Breast	147	230	53	21	451
Cervix Uteri	207	10	6	12	235
Corpus Uteri	39	12	3	1	55
Oral Cavity	292	13	12	14	331
Air Passages	55	2	2	2	61
Rectum andAnus	34	11	3	15	63
Skin	437	28	28	15	508
Other Sites	339	126	40	89	594
Total	1,550	432	147	169	2,298
Per Cent	67.4	18.8	6.4	7.4	100.0

Table 9 shows the frequency of histological examination by site of disease for public and private cases separately. A pathological report was obtained in 1,735 of the 2,129 new treated cases. Histological confirmation of clinical diagnosis was available in 80.9 per cent. of breast cases, 92.4 per cent. of uterus cases and 91.5 per cent. of oral cases. Histological confirmation was available in 81.5 per cent. of all treated cases. These figures represent a very considerable improvement over comparable figures for the previous year.

TABLE 9
HISTOLOGICAL EXAMINATION—BY SITE OF DISEASE
NEW CASES TREATED DURING 1940

SITE OF CANCER	Pathol. Done		No. Path. Exam.		No Data		Total	
	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.	Priv.	Pub.
Breast	226	122	29	19	23	11	278	152
Cervix Uteri	84	123	5	4	3	4	92	131
Body of Uterus	31	18	3	1	....	1	34	20
Oral Group	159	131	17	2	6	2	182	135
Air Passages	25	30	1	2	1	....	27	32
Rectum and Anus	22	17	2	3	2	2	26	22
Skin	284	98	89	13	8	1	381	112
General	199	166	59	39	24	18	282	223
TOTAL CANCER	1,030	705	205	83	67	39	1,302	827
PER CENT	79.2	85.3	15.7	10.0	5.1	4.7	100.0	100.0

Table 10 provides a summary showing the proportion of cases in each clinic for which a pathological report was available. These figures also show an increase over comparable figures for the previous year, reflecting more extensive confirmation of clinical diagnosis by tissue examination. At all centres except at the Ottawa General there has been an increase in the number of histological examinations made in private cases. In the case of the Kingston clinic the 78.4 per cent. shown for 1940 is in marked contrast with the 42.2 per cent. shown for the previous year. In respect to public cases the proportion in which histological examinations were available has been increased in the Kingston and London clinics but shows slight decreases for the other centres.

TABLE 10
HISTOLOGICAL EXAMINATIONS—CERTAIN SITES*
NEW CASES TREATED DURING 1940

CENTRE	Private Cases			Public Cases		
	Histological Exams.		Total	Histological Exams.		Total
	Number	Per Cent.		Number	Per Cent.	
Hamilton	112	85.5	131	33	76.7	43
Kingston	40	78.4	51	16	64.0	25
London	48	90.6	53	24	96.0	25
Ottawa (Civic)	73	88.0	83	37	90.2	41
Ottawa (General)	17	85.0	20	27	84.4	32
Toronto	189	84.4	224	287	94.4	304
Windsor	68	88.3	77	17	77.3	22
ALL CENTRES	547	85.6	639	441	89.6	492

*Including breast, uterus, oral cavity, air passages and rectum.

Table 11 provides a summary of the new cases seen during 1940 according to prognosis (i.e. whether regarded at the outset as treatable for cure or for palliation only). In 1,375 cases (59.8 per cent. of the total) the patient was classified as treatable for cure. Excluding the cases for whom no prognosis was made it will be seen that more than two-thirds of the remainder were classified as treatable for cure.

TABLE 11
TOTAL NEW CASES BY PROGNOSIS
CALENDAR YEAR 1940

SITE	Treatable for			No Data	Not* Treated	Total
	Cure	Palliation	Ratio			
Breast	282	130	2.2	18	21	451
Cervix Uteri	119	91	1.3	13	12	235
Body of Uterus	36	16	2.3	2	1	55
Lip	171	7	24.4	10	5	193
Tongue	32	9	3.6	1	4	46
Other Oral	52	31	1.7	4	5	92
Air Passages	26	24	1.1	9	2	61
Rectum	14	31	0.5	3	15	63
Skin	467	13	35.9	13	15	508
Ovary	21	20	1.1	4	4	49
Other Sites	155	250	0.6	55	85	545
TOTAL CANCER	1,375	622	2.2	132	169	2,298
PER CENT	59.8	27.1	....	5.7	7.4	100.0

*For any reason—see subsequent section and tabulation.

The method of treatment employed with new cases in 1940 is shown in Table 12. As compared with the previous year the number of cases treated by radium alone decreased from 584 to 504. The use of radium alone or in combination with X-ray, surgery or both, has shown a decrease especially in cases where the site is the oral cavity (279 to 221) and skin (430 to 363). The number of cases treated by X-ray alone has increased from 567 to 584.

TABLE 12
METHOD OF TREATMENT OF NEW CASES DURING 1940—BY SITE*

TREATMENT	SITE OF DISEASE								Total	
	Breast	Cervix Uteri	Corpus Uteri	Oral Cavity	Air Passages	Rectum	Skin	Other Sites	No.	Per Cent.
X-Ray	74	48	8	78	32	17	82	245	584	27.1
Radium	0	12	8	150	3	2	314	15	504	23.4
Radium & X-Ray	6	142	9	56	10	5	23	16	267	12.4
Surgery & X-Ray	264	5	15	5	7	17	17	146	476	22.1
Surgery & Radium	2	5	6	10	2	0	21	10	56	2.6
Surg., Rad. & X-Ray	15	5	4	5	2	0	5	9	45	2.1
Not Treated	21	12	1	14	2	15	15	89	169	7.9
Surgery Alone	16	0	1	1	1	4	3	24	50	2.3
TOTAL	398	229	52	319	59	60	480	554	2,151	100.0

*Recurrences excluded.

The distribution of treated cases by centre and method of treatment is shown in Table 13. Marked variation is shown from clinic to clinic in respect to the number of cases in which radium was used either alone or in combination with other methods. The proportion of patients receiving radium ranges all the way from 17 per cent. at Hamilton to 54 per cent. at London. While differences in the site distribution of cases may be a factor in this variation, it does not seem adequate to account for the size of the difference shown.

TABLE 13
NEW TREATED CASES BY CENTRE AND METHOD OF TREATMENT*
CALENDAR YEAR 1940

METHOD OF TREATMENT	Hamilton	Kingston	London	Ottawa(C)	Ottawa(G)	Toronto	Windsor	TOTAL CASES
				CASES				
X-Ray	136	51	31	42	21	263	40	584
Radium	14	60	41	77	9	278	25	504
Radium and X-Ray	33	17	19	32	16	108	42	267
Surgery and X-Ray	107	19	21	51	19	220	39	476
Surgery and Radium	1	1	6	6	2	35	5	56
Surgery, Radium and X-Ray	5	2	3	1	2	11	21	45
Surgery Alone	1	3	5	10	16	12	3	50
TOTAL	297	153	126	219	85	927	175	1,982
METHOD OF TREATMENT				PER CENT				TOTAL
X-Ray	45.8	33.3	24.6	19.2	24.7	28.4	22.9	29.5
Radium	4.7	39.2	32.5	35.2	10.6	30.0	14.3	25.4
Radium and X-Ray	11.1	11.1	15.1	14.6	18.8	11.7	24.0	13.5
Surgery and X-Ray	36.0	12.4	16.7	23.3	22.3	23.7	22.3	24.0
Surgery and Radium	†	†	4.8	2.7	†	3.8	2.9	2.8
Surgery, Radium and X-Ray	1.7	†	†	†	†	1.2	12.0	2.3
Surgery Alone	†	†	4.0	4.6	18.8	1.3	†	2.5
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

*Excluding recurrences.
†Percentages calculated only where 5 or more cases.

Table 14 shows the proportion of cases treated with radium in each centre. It will be seen that radium alone is used more extensively at Kingston, London, Ottawa Civic and Toronto than at the other three centres. A similar difference was reflected in the figures for 1939. In cervix cases the proportion of cases treated by radium in each of the centres shows relatively slight variation, ranging from 72 per cent. at Toronto to 90 per cent. at London. In oral cases, Hamilton with 43 per cent. and Toronto with 69 per cent., use radium in a smaller proportion than do the other centres. In skin cases, however, the centres differ widely, ranging from 5 per cent. at Hamilton and 18 per cent at the Ottawa General to 95 per cent. at Toronto, 96 per cent. at London and 100 per cent. at Windsor.

TABLE 14
PROPORTION OF CASES TREATED WITH RADIUM—BY CENTRE†
CALENDAR YEAR 1940

CENTRE	Radium Alone (%)			Radium Alone and in Combination* (%)		
	Cervix	Oral	Skin	Cervix	Oral	Skin
Hamilton	0	22	5	75	43	5
Kingston	0	50	79	73	83	84
London	15	67	89	90	83	96
Ottawa (C)	10	60	88	86	89	92
Ottawa (G)	6	40	12	69	80	18
Toronto	6	54	82	72	69	95
Windsor	0	0	62	76	93	100
TOTAL %	6	49	68	76	72	78

*With X-ray, surgery or both. †Recurrences excluded.

During the year a number of cases are seen at each of the clinics who are not treated there. Patients who receive palliative surgery only are included in this "not treated" group for purposes of clinic statistics. The number of untreated cancer cases and the reason for non-treatment are shown in Table 15. Of the 2,298 cases seen during the year, 169 were untreated. These cases were distributed as follows: Hamilton, 5; Kingston, 14; London, 23; Ottawa Civic, 35; Ottawa General, 27; Toronto, 46; Windsor, 19.

TABLE 15

UNTREATED CANCER CASES—REASON FOR NON-TREATMENT

CALENDAR YEAR 1940

Reason for Non-Treatment	Site of Disease						Total
	Breast	Uterus	Oral Cavity	Air Passages	Rectum	Other Sites	
Too far advanced	9	7*	3	1	2	26	48
Refused treatment	1	2	0	1	2	9	13
Did not return	4	0	1	0	2	13	20
Died before treatment	0	0	0	0	0	2	2
Co-existent disease	0	0	0	0	0	0	0
Age and general condition	1	1	3	0	2	15	22
Other or no data	6	3	7	0	7	41	64
Total	21	13	14	2	15	104	169
Total Treated	430	277	317	59	48	998	2,129

*One body of uterus.

Of the 169 untreated cases 48 or 28.4 per cent. were considered to be too far advanced for treatment; 22 or 13 per cent. were not treated because of age or general condition; and 20 or 11.8 per cent. did not return for treatment. It will be observed that 9 of the 21 untreated breast cases and 7 of the 13 untreated uterus cases were found to be too far advanced for treatment at the time of their first examination by the clinic.

The distribution of new treated cases by age and sex for each site of disease is given in Table 16. As in 1938 and 1939, there is a slight excess of female over male cancer cases in 1940. This excess of female cases is found in age groups under 70 only. Four-fifths of the female cases as compared with two-thirds of the male cases were under 70 years of age. Sex differences in the incidence of cancer of the breast and cancer of the oral cavity are pronounced.

TABLE 16

NEW CASES TREATED DURING 1940—BY AGE AND SEX

CALENDAR YEAR 1940

SITE OF CANCER	Under 40		40–49		50–59		60–69		70–79		80+		Not Stated		Total	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Breast	0	36	1	122	1	121	0	88	2	47	0	5	0	7	4	426
Cervix Uteri	0	49	0	74	0	60	0	33	0	5	0	0	0	2	0	223
Body of Uterus	0	1	0	12	0	19	0	13	0	9	0	0	0	0	0	54
Lip	13	0	20	0	37	4	55	2	36	1	15	1	4	0	180	8
Tongue	2	1	3	1	4	1	9	3	9	3	4	1	1	0	32	10
Other Oral	2	1	5	0	12	4	32	4	17	2	7	1	0	0	75	12
Air Sinuses	1	0	1	2	2	2	6	1	1	1	2	0	0	0	13	6
Larynx	0	2	2	0	3	0	5	0	4	1	1	0	0	0	15	3
Other Air Passages	2	3	1	2	2	1	2	2	4	1	2	0	0	0	13	9
Rectum and Anus	1	1	1	4	6	8	11	8	4	2	2	0	0	0	25	23
Skin	10	12	28	11	47	34	64	53	83	64	52	24	8	3	292	201
Ovary	0	9	0	15	0	9	0	9	0	2	0	0	0	1	0	45
Other Digestive Tract	2	1	2	4	13	8	5	3	3	2	2	1	0	0	27	19
Other Sites	78	43	34	20	54	32	51	35	25	19	9	6	6	2	257	157
Total Cancer Cases	111	159	98	267	181	303	240	254	188	159	96	39	19	15	933	1196
Per Cent. (by Sex)	11.9	13.3	10.5	22.3	19.4	25.3	25.7	21.2	20.2	13.3	10.3	3.3	2.0	1.3	100.0	100.0
Ratio of Males to Females	0.70		0.37		0.60		0.94		1.18		2.46		1.27		0.78	

The degree of professional interest in the cancer clinic service is reflected by the number of physicians referring cancer cases to the clinics as shown in Table 17. One or more patients were referred to the clinics for treatment by 1,151 different physicians. This represents approximately one-fourth of all physicians engaged in practice in the Province of Ontario.

TABLE 17

REFERRING PHYSICIANS — BY CENTRE

CALENDAR YEAR 1940

CENTRE	New Cases on Record	No. of Different Referring Physicians	Different Physicians per New Case
Hamilton	327	182	0.56
Kingston	176	87	0.49
London	171	98	0.57
Ottawa (C)	272	130	0.48
Ottawa (G)	113	44	0.39
Toronto	1,019	508	0.50
Windsor	220	102	0.46
TOTAL	2,298	1,151	0.50

The geographical distribution of new cancer cases and case rates per 100,000 population for each county are shown in Table 18. Case rates as reflected by clinic service range from a high of 109 per 100,000 population in Frontenac to a low of 21 per 100,000 population in Durham. The case rate for the province as a whole was 54.6 per 100,000 population, showing a decrease from the rate of 58.8 reported in 1939.

TABLE 18
NEW CANCER CASES (TREATED)—BY AREA OF RESIDENCE—1940

County or District of Residence	Population†	Total Cases—All Sites		Accessible Sites Only	Public Cases All Sites
		Number	Rate*		
Addington	7,550	5	66	5	2
Algoma	50,990	22	43	19	13
Brant	58,920	15	25	12	5
Bruce	46,460	12	26	9	6
Carleton	187,340	193	103	141	72
Cochrane	63,830	19	30	14	13
Dufferin	16,240	9	55	8	3
Dundas	17,750	7	39	6	......
Durham	28,330	6	21	3	4
Elgin	47,970	13	27	9	4
Essex	176,010	157	89	94	43
Frontenac	50,230	55	109	44	19
Glengarry	20,400	7	34	4	6
Grenville	18,130	11	61	11	2
Grey	63,450	29	46	25	12
Haldimand	23,420	25	107	19	4
Haliburton	6,420	1	16	1	......
Halton	29,080	22	76	14	6
Hastings	64,960	40	62	30	22
Huron	49,860	21	42	16	9
Kenora‡	28,700	1	3	....	1
Kent	69,120	43	62	29	8
Lambton	60,050	25	41	21	8
Lanark	36,260	26	72	19	5
Leeds	38,900	41	105	33	8
Lennox	13,220	11	83	10	......
Lincoln	59,680	51	85	33	17
Manitoulin	11,710	2	17	2	1
Middlesex	130,310	67	51	43	27
Muskoka	23,040	6	26	6	4
Nipissing	45,320	11	24	5	5
Norfolk	34,370	13	38	12	7
Northumberland	34,750	17	49	14	8
Ontario	65,720	38	58	26	18
Oxford	52,500	21	40	16	5
Parry Sound	28,330	9	32	8	6
Peel	30,970	16	52	12	7
Perth	56,660	18	32	11	3
Peterborough	48,350	21	43	17	6
Prescott	27,190	8	29	6	5
Prince Edward	18,130	5	28	5	......
Rainy River	19,260	....	....	....	......
Renfrew	57,410	33	57	21	9
Russell	20,400	12	59	9	6
Simcoe	92,160	52	56	42	25
Stormont	35,880	13	36	10	2
Sudbury	64,210	17	26	13	11
Thunder Bay	71,760	14	20	10	7
Temiskaming	40,790	21	51	12	11
Victoria	28,330	19	67	12	7
Waterloo	98,960	36	36	22	10
Welland	91,030	33	36	22	20
Wellington	63,830	22	34	18	9
Wentworth	209,240	217	104	152	62
York	943,120	455	48	313	241
Quebec	....	42	....	34	10
Other Provinces	....	4	....	2	1
U. S. A.	....	14	....	9	......
Not Stated	....	6	....	4	2
Grand Total	....	2,129	....	1,517	827
Ontario Total	3,777,000	2,063	54.6	1,468	814

†Estimated for 1940. *Per 100,000 population. ‡Includes District of Patricia.

That distance from the clinic is a factor in determining these rates is indicated by the fact that rates are highest in and about those counties in which a clinic is located and are lowest in those counties which are relatively remote from a Cancer Centre.

During 1940 a total of 2,109 non-cancerous cases were treated in the seven Cancer Centres. Of these 958 were patients with benign tumours and 1,115 were patients with various non-neoplastic conditions. A summary of these cases is provided in Table 19. The number of cases of benign tumour was 958 which represents an increase of 16 per cent. over the previous year. Similarly non-neoplastic conditions numbering 1,151 show an increase of 12 per cent. over the previous year. Pre-cancerous lesions such as keratosis and leukoplakia remain high, a total of 212 patients being treated for these conditions.

TABLE 19

NEW NON-CANCER CASES—1940

Non-Malignant Tumours		Non-Neoplastic Diseases	
Diagnosis	No. of Pts.	Diagnosis	No. of Pts.
Angiomata	162	Actinomycosis	12
Cysts (various)	32	Asthma	15
Fibromata	28	Cervicitis	17
Keloids	41	Diseases of Thyroid	24
Keratosis	135	Fibrosis Uteri	32
Leukoplakia	77	Infections, n.s.e.*	140
Moles, Naevi	52	Mastitis	38
Papillomata	110	Menorrhagia, etc.†	279
Polypi	11	Parotitis	29
Warts	242	Pruritus	29
Others	68	Skin Diseases (various)	318
		Thymic Enlargement	15
		Tuberculosis	4
		Others	199
Total	958	Total	1,151

*Adenitis, chronic inflammation, ulcers, etc.

†Including menorrhagia, metrorrhagia, menopausal bleeding.

DIVISION OF DENTAL SERVICES

H. J. Hodgins, D.D.S., *Director.*

A new service was inaugurated in the Division this year, to carry out the examination of British children who came to Canada as war guests. The service was not as extensive as originally planned. Preparations were made for the dental examination of several thousand children expected, but due to adverse circumstances the service was limited to several hundred. Dental examination was made by the dentists of the department, and defects charted. The charts were sent on to the Children's Aid Societies in the centres where the children found foster homes.

During the year an additional number of municipalities have established dental clinics with the assistance of the Government grant for school dental services. Regulations governing the grant require that in a municipality of 20,000 or over, equipment must be installed in the schools or in some central clinic. As this equipment is rather costly, provision is made in the grant for a rebate on the cost of the equipment. The grant also provides 20 or 30 per cent. according to population, of the operating cost, which includes salary to dentist and dental supplies. Smaller communities may make arrangements to have the work done in the office of the local dentists.

Interest in school dental service has been encouraged and stimulated by lectures and advice given by the Canadian Dental Hygiene Council and the Ontario Public Dental Health Committee; and by the distribution of educational booklets and examination charts to dentists making a mouth health survey of the children of their community.

A very interesting experiment in public dental health education was carried on, in conjunction with the Public Dental Health Committee. An interesting display was prepared and set up in the Department Booth at the International Ploughing Match, which was held this year, October 15-19, in Elgin County. The attendance at this event was 130,000. Dental health was of such interest that it should form a unit at the 1941 Match. This opinion was expressed at an informal conference held at the Booth on the closing day with members of the Elgin County Dental Society, and dentists from St. Thomas and Aylmer. We are much indebted to them for their assistance throughout the Match, in their faithful attendance and untiring efforts in giving information on dental health to the enquiring public.

The Dental clinic in each of the Ontario Hospitals has been regularly inspected. The standard clinic procedure provides for patients on admission being given a complete dental survey, which includes oral examination and dental radiographs. Treatment consists of fillings, extractions and prophylaxis. Where necessary, dentures are inserted for those who are capable of caring for them. Patients unable to attend the clinic are visited in the wards.

All denture work is carried out at the Central Laboratory, located at the Ontario Hospital, Queen Street, Toronto. This arrangement has been very satisfactory. During the year 293 full dentures and 101 partial dentures have been made. Equipment for the making of Acrylic dentures has been installed recently.

For the first eight months of the year the dental car attended to the dental needs of the school children along the C. P. R. line. Due to a transfer of dentist, and repairs necessary to the car, it was laid up for some time. However, a new appointment has been made, and the car is now operating in the north-western section of the Province.

A limited plan of emergent dental treatment for relief recipients was inaugurated. This provides for the relief of pain, extraction of teeth and repair of dentures. The fees are as provided for in the Workmen's Compensation Act; the dental accounts are rendered monthly, and paid on a pro rata basis, after being audited and passed by the Dental Advisory Committee.

In addition to Dr. R. P. Markle and Dr. H. R. MacLaren who are overseas, the dental staff is represented on the C.A.D.C. by Dr. F. A. Kohli and Dr. L. R. Mitton.

Dental activities for the year have been assisted by the close co-operation of the members of the Ontario Public Dental Health Committee and the Canadian Public Dental Hygiene Council.

HEALTH EDUCATION

MARY POWER, B.A.

I. Health Education of the Public:

The general business of the office has followed the routine activities of former years. Letters to the number of 1,150 were received while the out-going communications totalled 1,009.

Literature:

Literature on health subjects was the chief medium through which education of the public in health was carried on.

"The Baby," the Department's booklet covering care of the child from prenatal period to six years of age, went into its fifth edition in August. Slight changes only were made, among them the inclusion of a chart to assist the mother in making clothes for the new baby. The demand for this book of instruction runs consistently in the neighbourhood of 3,000 copies as an average per month. Local health authorities use it as routine in their infant hygiene programmes; and practising physicians and hospital maternity services requisition large quantities each year. "The Baby" has been adopted as the municipal handbook on child care by all communities in Ontario, with the exception of the City of Toronto where the local Department of Public Health publishes "The Care of the Infant and Young Child," including in it a complete list of the health services available to resident mothers and their children.

Parents are showing an increasing interest in immunization. This has been demonstrated in the demand for leaflets on communicable disease—its prevention and control.

Tuberculosis is a subject about which the public is eager to learn. We are grateful to the Canadian Tuberculosis Association who have so generously supplied us with material on the disease for distribution to Ontario residents.

"Safe Milk" has been in great demand as the areas adopting pasteurization increase in number. The supply of the leaflet dealing with Resuscitation from drowning or electric shock, is exhausted, and we trust a new edition will be available at an early date.

Exhibit:

The booth of the Department at the International Ploughing Match held this year, October 14-19, in Elgin County, was the only display set up for health education. The Match drew an attendance of 130,000 people. Very real interest was shown by the large number of inquirers at the booth.

The display space was divided into three sections, the first being devoted to Tuberculosis; the second to Dental Health; and the third to Health Education Services to Teachers in the elementary and secondary schools. I wish to acknowledge with thanks the co-operation given by the Elgin County Dental Association; at least one of whose members manned the dental health section of the booth each afternoon of the Match. Our thanks are due also to the Ontario Dental Hygiene Council who supplied attractive display material for the exhibit.

From the many enquiries received at the booth, it was a matter of gratification to realize that the Department's publication, "The Baby" is well known and widely used. The parents, however, are very anxious to have instruction covering the care of the child from six to ten or eleven years. The largest number of requests, however, came from parents who were seeking help in the handling of the adolescent boy and girl. It is of interest to know that this experience at the Ploughing Match has been duplicated in our health education work with the Home and School Clubs throughout the Province. I should, therefore, like to recommend that a leaflet pertaining to adolescence be prepared for parents.

The following services were given upon request, and represent a total of 1395 budgets, or 31,842 leaflets, etc.

To Whom Sent	No. of Budgets	No. of Pieces of Material
Inspectors of Schools	8	288
High School Teachers	68	2156
Normal School	1	1717
Elementary School Teachers	247	5781
517 Teachers who attended the Summer Course in Health Education	1037	19871
Local Public Health Nurses	28	1879
Training Schools for Nurses	6	150
	1395	31842

Through the Library Loan Service, 137 books were loaned to Summer Course teachers; and 67 additional books were loaned upon request to inspectors, principals, etc.

In order to have up-to-date information with respect to free and inexpensive material available to teachers and nurses for use in school, a careful survey was made again this year, covering sources in both Canada and the United States.

To assist the public health nurse in her work with the teachers in the school, we follow the plan outlined in our Annual Report for 1939. For this purpose, we forwarded during the year 28 budgets, containing 1879 pieces of material, upon request to public health nurses who include school work in their programmes.

In co-operation with the Division of Nurse Registration, we sent an introductory budget of reference material to each training school for nurses towards the close of the year 1939. Supplementary budgets were sent upon request to six training schools this year, a total of 150 leaflets, etc.

Special Groups:

Women's Institutes and Home and School Clubs have made special efforts to give health a prominent place on their programmes. Special budgets of our material were assembled for their use; and for group instructors in home nursing classes.

II. School Health Education:

1940 was the first summer since 1933 during which the Course in Health Education was not offered to the teachers of Ontario. As a war measure, the Department of Education reduced the number of Summer Courses by approximately one half. However, we continued our work of visiting the teachers who had attended in former years, but who were teaching in those areas which had not been visited previously.

We continued to held "Open House" on Saturday morning in our office for teachers who wished to consult us on matters of health instruction in the classroom, and other aspects of health in the school. We also continued to give service by loaning references to those teachers who had attended the Summer Course.

Early in the school year we revised the mailing list and sent to each teacher, who co-operated by returning a mailing card, a budget of new material which we considered would be useful in school health activities.

III. Ontario Health Officers' Association:

The Annual Conference of the Ontario Health Officers' Association was held in the Royal York Hotel, Toronto, June 13-14, 1940.

The registration reached a total of 525. No dinner session was held this year, but two luncheon meetings were arranged. The luncheon session on the first day was addressed by the Honourary President, Honourable Harold J. Kirby, K.C., Minister of Health of Ontario. The luncheon on the second day was made the occasion of the business meeting of the Association, when reports were received from the various committees.

The Executive met previous to the first session. The President, Dr. C. A. Warren, presided. A message of regret was telephoned by Dr. H. B. Kenner, M.O.H., Stratford, who was unable to be present owing to military duties. With the exception of Dr. G. Murray Fraser, M.O.H., Peterborough, who is overseas on active service, the remaining members were all present, viz.: Dr. C. A. Harris, London; Dr. G. B. Stalker, Hanover; Dr. J. E. Davey, Hamilton; Dr. W. E. Brown, Orillia; Dr. C. H. Bird, Gananoque; Dr. J. W. Mackie, Lansdowne; Dr. H. M. Young, Iroquois Falls; Dr. J. C. Gillie, Fort William.

At the Executive Meeting an acknowledgment was made covering the courses of instruction for Medical Officers of Health, namely, the three-day course and the five-week course. Details of these sessions are given on page 189.

An interesting feature of the meeting this year was the showing of films which might be of interest to the Medical Officer of Health. Several of the films are available to local health authorities for health education work in their own community. Of the latter group, the Ontario Milk Foundation presented their film, "The Milky Way" and the Metropolitan Life Insurance Company sent "A New Day," outlining modern treatment of pneumonia. In addition to the last named film, the Metropolitan Life forwarded for showing film strips which have been prepared for audiences of lay people and students of high school level. This series as prepared to date comprises film strips on the life and work of the following outstanding health heroes: Robert Koch; Louis Pasteur; Walter Reed; Edward L. Trudeau; Edward Jenner; Madame Curie; Florence Nightingale. The Audiphone Company of Canada co-operated in showing the film, "Life Begins Again," which illustrated the handicaps and possible helps for the child or adult suffering from hearing loss. A machine for the measurement of hearing loss was demonstrated to the members at the Friday morning session.

Dr. E. B. Potts, M.O.H., for St. Thomas City and Yarmouth Township, brought along to the meeting a film which had been made by some of the local medical men. The film illustrated the spread of infection, and life situations in their own community were utilized in the photography of the entire film by the physicians who made it.

An item of outstanding importance with respect to the meeting this year was the welcome to the newly formed "Section of Public Health Inspection Services." Provision had been made at the Annual Conference in 1939 for the organization of such section. In the interval, much effort had been expended in tentative organization of the group by Dr. C. A. Harris, who sponsored the motion, and by Dr. A. L. MacNabb, Director of Laboratories.

Following presentation of a paper at the annual meeting of the Ontario Veterinary Association by Dr. Harris on January 25th of this year, that Association appointed a committee to look into the possibility of organizing a veterinarian section which might act in close co-operation with the Ontario Health Officers' Association.

The programme, as prepared under the auspices of the Public Health Inspection Services group, included two sectional meetings; and, in addition, it provided four speakers for the programme of the General Sessions.

Advantage was taken of the attendance of so many members interested in health inspection work, and special meetings were held by the professional group of veterinarians and by the sanitary inspectors. Gratification is felt with regard to the progress of organization as evidenced by the following reports:

I. The veterinarians decided to continue as a section of the Ontario Health Officers' Association, choosing as their title, The Veterinary Public Health Services Section. The officers and executive committee chosen were as follows: President, Wm. Moynihan, Toronto; Secretary, Dr. Wilfred Rumney, Hamilton; Executive Committee: Dr. Herbert Davis, Aylmer; Dr. R. V. L. Walker, Ottawa; Dr. J. Norlund, Sarnia; Dr. Frank J. Cote, Guelph.

II. The group of sanitary inspectors revived interest in their particular field and decided to function as the Ontario Branch of the Canadian Institute of Sanitary Inspectors. As the constitution of the Institute provides that the president of the Provincial Branch, ex-officio, becomes councillor for that particular Province, Mr. D. S. McKee, C.S.I. (*C*) will act in the dual capacity. The secretary-treasurer is Melville Matthews, C.S.I. (*C*); the Provincial Councillors are—Gordon Miller, C.S.I. (*C*), Windsor; Ernest Picton, C.S.I. (*C*), Hamilton; Hugh McIntyre, C.S.I. (*C*), Kirkland Lake.

In order to function to the best advantage, the members felt it was advisable that the annual meeting should be held at the same time and place as the annual conference of the Ontario Health Officers' Association. In order to avoid duplication of effort, and to ensure close co-operation between the two associations, it was unanimously adopted that the programmes should be carefully studied and that the Ontario Branch of the Canadian Institute of Sanitary Inspectors would assume responsibility for a definite contribution to the programme of the Ontario Health Officers' Association in 1941. This responsibility was relegated to the Executive Committee for the current year.

Committee on Resolutions:

The Committee which consisted of Dr. D. V. Currey, Dr. T. B. Rutherford, with Dr. J. Edgar Davey, as chairman, brought in the following resolutions:

I. That the members of this Association express our sincere regret and our sense of deep loss in the death during the year of the following members, and extend to the bereaved families our deepest sympathy: Dr. Findlay Munroe, Paris; Dr. O. E. Carr, Owen Sound; Dr. A. D. Graham, Bothwell; Dr. F. H. Walker, Wheatley; Dr. C. H. Carruthers, Florence; Dr. H. E. Johnson, Mount Albert; Dr. D. C. McKenzie, Fort Frances; Dr. H.H. Casselman, Chesterville;

Dr. G. C. Ferrier, South Mountain; Dr. H. E. Ferguson, Forest Hill Village; Dr. H. Hay, Wiarton; Dr. E. W. McNeice, Aylmer; Dr. J. B. Stallwood, Beamsville; Dr. R. Johnson, Tamworth; Dr. James Roberts, Hamilton; Dr. C. E. McLean, East York Township; Dr. A. B. Hyndman, Carp; Dr. J. G. McKee, Elk Lake; Dr. John A. Amyot, Ottawa; Dr. Paul Joseph Maloney, Ottawa; Dr. James J. Fraser, Hamilton.

II. (1) That, following report made by a special committee appointed at the 1939 annual conference, of which Dr. T. D. Rutherford was chairman and Dr. C. H. Bird and Dr. F. A. Ladouceur were members, this Association recommends to the Department of Health that consideration be given to the inclusion in the regulations made under the Public Health Act of a comprehensive outline of the duties and obligations of the M.O. H., with respect to the local health programme.

(2) That the Association recommend to the Department of Health that consideration be given to an amendment of the Public Health Act, whereby the allowance to the Medical Officer of Health for attendance at the annual conference be defined.

(3) That the Association recommend to the Department of Health that consideration be given to an amendment to the Public Health Act, as follows:

(*a*) A clause whereby the period of tenure of office for the appointed member of the local Board of Health in a rural municipality, be increased from one year to the same period of tenure as the municipal council of that municipality.

(*b*) A clause whereby the number of members on the local board of health in a municipality of more than 4,000 population, to be increased from three to five members, of whom three shall be members appointed by council; these members to be appointed for varying periods of one, two and three years.

III. The Committee on Accident Prevention presented no formal report but the convener, Dr. L. A. Pequegnat, requested that the Committee remain in existence, signifying his willingness to continue his chairmanship. The meeting acquiesced and Dr. W. K. Fenton, Medical Officer of Health, Etobicoke Township, was appointed by the President to work with Dr. Pequegnat and present a report at the next conference.

Report of the Committee on Nominations:

The Committee on Nominations—Dr. G. B. Stalker, Dr. W. E. Brown, with Dr. C. H. Bird as Chairman, brought in the following report, which was passed unanimously:

Dr. F. A. Ladouceur, Casselman, President.
Dr. H. B. Kenner, Stratford, First Vice-President.
Dr. J. C. Gillie, Fort William, Second Vice-President.
Miss M. Power, Toronto, Secretary.

Executive Committee:

Dr. C. A. Harris, London.
Dr. J. Edgar Davey, Hamilton.
Dr. J. W. Mackie, Lansdowne.
Dr. G. B. Stalker, Hanover.
Dr. W. E. Brown, Orillia.
Dr. H. M. Young, Iroquois Falls.
Dr. G. S. Cronk, Belleville.
Dr. D. L. Dingwall, Dryden.
Dr. C. H. Bird, Gananoque.

The programme in detail is given below:

ANNUAL CONFERENCE
ONTARIO HEALTH OFFICERS ASSOCIATION

Royal York Hotel, Toronto

June 13-14, 1940

PROGRAM

THURSDAY, JUNE 13th—MORNING SESSION

9.00 a.m.—Executive Meeting.

9.00 a.m.—Registration—Foyer Convention Floor.
Showing of Films.

10.00 a.m.—Medical Officers of Health Section—Crystal Ball Room. Chairman, C. A. Warren, M.D., D.P.H., President.
Legislation and Administrative Problems.

10.10 a.m.—General Statement and Outline of Recent Legislation in Ontario. B. T. McGhie, M.D., Deputy Minister of Health.

10.30 a.m.—Interpretation and Application of Legislation in Terms of Local Health Administration. John T. Phair, M.B., D.P.H., Chief Medical Officer of Health.
Specific Problems in Legislation and Administration, with particular reference to those presented within the last two years:

11.00 a.m.—Problems in the Field of Sanitary Engineering.
A. E. Berry, M.A.Sc., C.E., Ph.D.

11.10 a.m.—Problems in the Field of Laboratory Service.
A. L. MacNabb, V.S., D.V.Sc.

11.20 a.m.—Problems in the Field of Venereal Disease Control.
A. L. McKay, B.A., M.B., D.P.H.

11.30 a.m.—Problems in the Field of Tuberculosis Control.
G. C. Brink, M.B.

11.40 a.m.—Problems in the Field of Public Health Nursing.
Edna L. Moore, Reg.N.
Discussion will follow each of the reports listed above.

11.45 a.m.—Appointment of Standing Committees:
Committee on Nominations.
Committee on Resolutions.

THURSDAY, JUNE 13th—MORNING SESSION

Public Health Inspection Services Section

9.00 a.m.—Registration—Foyer Convention Floor.

9.00 a.m.—Showing of Films.

9.30 a.m.—Meeting called to order. Chairman, C. A. Harris, M.D., Medical Officer of Health, London.

9.30 a.m.—The Interest of the Veterinarian in Sanitary Measures. C. D. McGilvray, V.S., M.D.V., D.V.Sc., Principal, Ontario Veterinary College, Guelph.

10.00 a.m.—Dairy Plant Equipment. A. E. Berry, M.A.Sc., C.E., Ph.D., Director, Sanitary Engineering Division, Ontario Department of Health.

10.30 a.m.—Sterilization of Utensils. C. K. Johns, B.S.A., M.S., Associate Bacteriologist, Department of Agriculture, Ottawa.

11.00 a.m.—Dairy Farm Inspection. F. Cote, V.S., B.V.Sc., Food Inspector, Department of Public Health. Guelph.

11.30 a.m.—The Whence and Whither of Milk Sanitation. Robert Breed, Ph.D., New York State Agricultural Station, Geneva, N.Y.
Organization of Section and Election of Officers.

THURSDAY—LUNCHEON 12.15 NOON

Medical Officers of Health Section

Public Health Inspectors Services Section

(Combined Session)

The speaker will be the Honourable Harold J. Kirby, K.C., Minister, Department of Health of Ontario. On this occasion a welcome will be extended to those local Medical Officers of Health who have been appointed since the last conference; and also to the new section of the Association, viz. the Public Health Inspection Services Section, which has been organized during the past year, following the provision made at the 1939 meeting of the Conference.

THURSDAY, JUNE 13th—AFTERNOON SESSION

General Session—Both Sections

Chairman C. A. Warren, M.B., D.P.H., Medical
Officer of Health, York Township

2.00 p.m.—Presidential Address. C. A. Warren, M.B., D.P.H.

2.15 p.m.—Tests for Milk Quality. C. K. Johns, B.S.A., M.S., Associate Bacteriologist, Department of Agriculture, Ottawa.

2.45 p.m.—Rabies Infection. A. E. Cameron, M.C., V.D, V.S., Veterinary Director General Department of Agriculture, Ottawa.

3.15 p.m.—Equine Encephalitis:

Isolation and Typing of the Virus. Frank Schofield, D.V.Sc., Professor of Pathology, Ontario Agricultural College, Guelph.

Immunization Studies. Charles A. Mitchell, V.S., D.V.M., Acting Chief, Animal Diseases Research Institute, Science Service, Department of Agriculture, Ottawa.

FRIDAY, JUNE 14th—MORNING SESSION

Medical Officers of Health Section

Chairman, C. A. Warren, M.D., D.P.H., Medical
Officer of Health, York Township

9.30 a.m.—Administrative Control of Public Health Nuisances. A. E. Berry, M.A.Sc., C.E., Ph.D., Director, Sanitary Engineering Division, Ontario Department of Health.

10.00 a.m.—The Educator Views the Health Needs of the Elementary School. C. A. Brown, M.A., B.Paed., Department of Education of Ontario.

10.30 a.m.—The Responsibility of the Part-time Medical Officer of Health with regard to the Schools. C. D. Farquharson, M.D., Medical Officer of Health, Scarborough Township.

11.00 a.m.—Modern Methods of Immunization of the Preschool and School Age Child. Donald T. Fraser, B.A., M.B., D.P.H., Professor of Hygiene and Preventive Medicine, University of Toronto.

FRIDAY, JUNE 14th—MORNING SESSION

Public Health Inspection Services Section

Chairman to be Appointed

9.30 a.m.—Value of Food Inspection and Properly Trained Inspectors. A. J. Slack, Ph.C., M.D., D.P.H., Dean, Faculty of Public Health, University of Western Ontario, London.

9.45 a.m.—Parasitic Infestation of Fish. J. D. Detwiler, M.A. Ph.D., F.A.A.A.S., Professor of Applied Biology, University of Western Ontario, London.

10.00 a.m.—Inspection of Bakeshops and Marketplaces. A. R. Younie, V.S., B.V.Sc., Food Inspector, Department of Public Health, St. Catharines.

10.15 a.m.—Ropy Milk, Its Cause and Prevention. C. K. Mader, V.S., B.V.Sc., Department of Public Health, Kitchener.

10.30 a.m.—Staphylococcal Food Poisoning and Necessary Precautions to Prevent It. Robert J. Wilson, M.A., Department of Hygiene and Preventive Medicine University of Toronto.

10.45 a.m.—Inspection of Restaurants and the Advisability of Bacteriological Examinations of Material from Eating and Drinking Utensils. W. A. Gill, V.S., Food Inspector, Department of Public Health, London.

11.00 a.m.—Cause of Off-Flavours in Milk. J. Franklin Lavery, V.S., Veterinary Inspector of Dairy Farms, Division of Food Control, Department of Public Health. Toronto.

FRIDAY, JUNE 14th—LUNCHEON SESSION

Combined Sections

12.15 p.m.—Luncheon. Business Meeting of the Association.
Reception of Reports.
Election of Officers.

FRIDAY, JUNE 14th—AFTERNOON SESSION

Medical Officers of Health Section

2.00 p.m.—Methods of Syphilis Control. W. H. Avery, M.D., Medical Consultant, Department of Health of Ontario.

2.30 p.m.—Up-to-date Knowledge of Nutrition for the Medical Officer of Health. E. W. McHenry, Ph.D., Associate Professor of Physiological Hygiene, University of Toronto.

3.00 p.m.—Streptococcal Infection of Wounds and Its Treatment. Ronald Hare, M.D. (Lond.), Research Associate in the Connaught Laboratories, University of Toronto.

Public Health Inspection Section

2.00 p.m.—Arrangements have been made for a field trip for the members of the Section.

The papers given at the Conference have been published in the Canadian Public Health Journal throughout the year. The Journal continues to be used as the official organ of the Association as the Department continues its arrangement whereby the local Medical Officer of Health receives the Journal each month, and is enrolled as a member of the Association.

The library unit was again a feature of the Conference under the direction of Miss Fredrita Wright, Librarian of the Department. Special sections were set up where the latest references were displayed touching on the various aspects of public health work.

We acknowledge with thanks the generous co-operation of the publishers who kindly loaned books and periodicals for the period of the Convention; thus making the list of publications complete and up-to-date.

DIVISION OF NURSE REGISTRATION

Alexandra M. Munn, *Reg. N. Director.*

I have the honour to present the Report of the Division of Nurse Registration for 1940.

Visits of inspection were paid to fifty-six general and four mental hospital training schools for nurses during 1940. These visits covered from one to three days.

Special attention was paid to records of hours of duty, health and education.

Conferences were held with head nurses and supervisors where possible to discuss a ward-teaching topic.

A demonstration in some surgical procedure was observed on the hospital wards. By this method it was possible to check any weakness in hospital technique.

Where time could be arranged short talks were given to student nurses, so that they might become familiar with the aims of the Community Health Programme.

Hours of duty and the patient load, in its relation to days of illness of student nurses, are being studied and a special form has been added to the training school report for this purpose. This should give some valuable material for this study during 1941.

A cumulative health record form was prepared during the year and is now offered Superintendents. This will provide a more orderly means of recording details of the various health examinations than is now in use in a number of centres.

All Superintendents report a marked increase in applicants for training, and residence accommodation everywhere is taxed to capacity.

Building programmes have been affected by war and there are still housing problems in a number of centres. This condition has a rather serious effect on the expansion of affiliation at this time.

Three hospitals, namely, St. Joseph's Hospital, Guelph, General Hospital, Ottawa, and St. Joseph's Hospital, Sudbury, now provide an eight hour day for student nurses, and hours of duty for night nurses are gradually improving. Superintendents are fully alive to the need for better hours for both staff and students, but are too often powerless to change working conditions.

The Inspector of Training Schools gave assistance at the infirmaries which were opened up in the buildings of the University of Toronto for the reception of children from evacuated centres in the British Isles. This entailed close attendance and inspection activities were discontinued during this period.

The Board of Trustees of the General and Marine Hospital, Goderich, decided to discontinue the training school in December and requested the Department to transfer all pupil nurses to other schools for the completion of their training. The Superintendents of Victoria Hospital, London, General Hospital, Woodstock, and the Memorial Hospital, St. Thomas, very generously co-operated in making the transfer possible and the students were placed by classes in the general hospitals by the end of December. The Goderich Hospital increased their graduate staff to commence duty on January 1st.

Council of Nurse Education:

Six regular meetings of the Council of Nurse Education were held. Routine business included arrangements for registration examinations in May and November.

Two special meetings of the Council and one with the Joint Committee were called to consider certain difficulties being met in an attempt to enforce the regulation calling for twelve Middle School papers as the minimum educational preparation for all student nurses on entry to training after October 1, 1940.

Since roughly fifty per cent. of the training schools had no prospect of filling classes with applicants holding twelve Middle School papers, a recommendation was made to the Minister of Health that the enforcement of regulations be delayed for a period of one year.

A request was received from the Secretary of the Ontario Dental Association asking that a place be given in the nurses' curriculum for a certain number of lectures in Dentistry. An outline of the proposed course was presented for the consideration of the Council and is now being studied with a view to adding this subject to the curriculum for schools of nursing.

At the request of the Council of Nurse Education the Minister of Health authorized the voluntary enrolment of all graduate and practical nurses who might be prepared to assist in the event of any emergency within the Province due to war conditions. At the request of the Minister of Health daily and weekly newspapers carried announcements and all hospitals were circularized and asked to be responsible for local publicity and the distribution of forms. The Women's Institutes of the Province of Ontario assisted generously through approximately 1,700 branches of their organization and the Ontario Medical Association Bulletin and the Canadian Public Health Journal also carried announcements. So that no nurse already enrolled for service through the Red Cross would be overlooked, circulars were sent to 1,450 nurses on the Red Cross List. Results have been gratifying—9,000 graduate and 1,762 practical nurses have forwarded forms.

Under the direction and assistance of the Departmental Statistician the information has been filed according to County, each County being sub-divided into municipality and the list of nurses arranged alphabetically. Bound lists are available for reference at any time.

Leave of Absence for Military Service:

On November 1st, Miss Edith Rainsford Dick, who has been attached to the Nurse Registration Branch as Inspector of Training Schools for the past five years was granted leave of absence for military service.

Miss Dick is a graduate of Johns Hopkins Hospital, Baltimore, and has had post-graduate training at the School for Nursing, University of Toronto. Previously, Miss Dick held positions as Superintendent of Nurses in the Psychiatric Hospital, Toronto, and at the Ontario Hospital, New Toronto.

It would be impossible to over estimate the value and extent of Miss Dick's contribution to the welfare of the nursing profession in Ontario. Those who have worked with her know how sincere her desire has been to assist in the improvement of nurse education. Miss Dick's friends throughout the Province, and they are many, join to wish her Godspeed in her new line of endeavour.

During Miss Dick's absence, the work of training school inspection will be continued by Miss Hilda Bennett, of the Provincial Service. Miss Bennett, a graduate of the University of Alberta Hospital School of Nursing, Edmonton, Alberta, with post graduate training at the School of Nursing, University of Toronto, has already demonstrated her ability in teaching and in hospital administration and may be depended upon to serve the nursing profession faithfully and well in her new position.

Statement of Enrolment in Training Schools in Ontario:

The following table will show that there has been a gradual increase in enrolment over a period of years throughout the Province:

1933	3,063	1937	3,305
1934	3,069	1938	3,555
1935	3,047	1939	3,935
1936	3,176	1940	4,375

Statement of Educational Qualifications:

Candidates holding Normal Entrance Standing or more advanced entrance certificates:

1927	14.7%	1938	59 %
1937	45 %	1939	74.7%

STATEMENT OF REGISTRANTS

Total number registered, 1940	1,203
Total number taking examination, 1940	1,360
Total number registered since 1923	25,178

STATEMENT OF REVENUE

Registration Fees	$ 6,280 00
Re-Registration Fees	15,199 00
Training School Records	59 21
Examination Fees	5,602 00
Miscellaneous	36 72
Suspense	12 00
	$ 27,188 93

DIVISION OF SANITARY ENGINEERING

A. E. Berry, M.A.Sc., C.E., Ph.D., *Director.*

Activities for the year 1940 must be examined in the light of conditions created by the war. This has influenced expenditures on municipal projects associated with public health. Water works and sewerage programmes have been curtailed to a minimum, but some work of a more urgent nature has been proceeding. Progress has been made in the operation of existing works, with a greater recognition of the importance to be attached to proper control of such plants. Advances have continued in milk pasteurization in the Province. No unusual weather, involving excessive heat or drought prevailed, but requests for assistance in sanitary problems, many of which are seasonal in nature, continued to be numerous.

Water Works:

Much of the effort of the Division is associated with the control of public water supplies, including works under construction, operation of plants and supervision of sources of supply. The expenditures approved during the year for new works and extensions amounted to $833,903.48 as compared with a total of $1,466,181.74 in the previous year. This amount is not much above the lowest in many years. This expenditure was included in 120 certificates of approval.

Some of the more important water works changes during the year include additional supply works at Beamsville, a water reservoir at Dunnville, a new system at Uxbridge, extension in Etobicoke Township, additions to the supply works at Scarborough Township, together with fairly large extensions of mains in several municipalities.

Water Treatment:

While there has been a lack of new water treatment plant installations during the year the existing systems have been operated effectively. Filtration and chlorination, combined with taste control as required, have safeguarded the consumers and provided palatable waters. There are now 60 filtration plants in operation in this Province for treatment of public water supplies. Continuous checking of these is essential for effective results.

Chlorination is still the most effective safeguard against water-borne diseases. The importance of careful operation must always be kept foremost. Equipment is available for the different conditions, and when this is operated efficiently and continuously safe results are achieved. There are now 202 chlorination installations in the Province for municipal water supplies. Regular inspections have been made on these, and assistance given to the operators.

The control of pollution in the raw water supplies becomes increasingly difficult as sewage and industrial wastes increase in volume. The construction of new industries, as well as the concentration of men in camps have brought about new problems in water protection. The maintenance of pollution within permissible limits is especially important where the same water must be used for drinking purposes. A number of new industrial plants have been erected during the year, many of these being built in locations remote from existing water systems. To ensure satisfactory supplies for these, more emphasis has been needed on pollution of natural waters.

Sewerage Programmes:

Some considerable progress has been made in sewage treatment in spite of world conditions. New plants have been in process of design and under construction, and a substantial amount of sewer extensions has been made.

The Department issued approval certificates during the year for the estimated expenditure of $6,754,558.28. The corresponding figure for the previous year was $1,316,381.29. The former amount includes a certificate of $5,600,000 for the City of Toronto as the first part of a new sewage treatment plant. 129 certificates were issued for this expenditure.

Main Sewerage Projects:

Some of the main sewerage projects involved in the year's activities include the following:—an outfall sewer and treatment plant at Barrie, consisting of sedimentation and chlorination; a new sewerage system at Hespeler, with treatment works of sedimentation and filtration; extensions of sewers to a new area at Port Arthur; a storm relief sewer extension at Hamilton; as well as a number of major additions to the sewer systems of several municipalities.

The largest single project in sewage disposal for the year was the treatment plant at Toronto. This project was advanced further. Early in the year the city authorized the preparation of plans for the first part of the treatment works. This includes sedimentation, chlorination, sludge digestion and incineration. Plans have been under preparation during the year. and it is expected that work will commence shortly.

Sewage Treatment:

Continued attention is being given to the operation of sewage treatment works in the Province. The municipalities are operating plants designed to give varying degrees of treatment. Many of these call for complete treatment of the sewage, with the requirements being more difficult during the summer months. These require careful supervision. The operators in charge of these are given an opportunity to become thoroughly familiar with the process. Periodic examination of these plants by the staff of the Division has assisted materially in producing good effluents and in maintaining sanitation in the streams. The number of treatment plants is now 77 for municipalities, with an additional number of industrial plants.

Stream Control:

Major projects for the correction of stream pollution have been delayed, owing to the war. The Welland Canal situation has remained the same. On the Grand River a conservation dam is nearing completion. On the Rainy River further advances have been made in regard to the investigation of pollution.

Military Camps:

The Division has co-operated with the authorities responsible for various airports and camps under construction in the Province. Advice has been given on water supply, sewerage systems and general sanitation. New factories have also been in a similar position. Every effort is made to assist in these measures, and this has required a considerable amount of work for the staff.

Milk Control:

The pasteurization programme for the Province has made further progress. Two more Orders-in-Council adding new territory to the legislation came into effect during the year. These are listed herewith. At the end of 1940 there were 813 pasteurization plants in operation, and it was computed from the data available on sales that some 98% of all milk sold in the Province for consumption in fluid form was pasteurized. This does not include the additional quantities of canned milk consumed, which product is of course pasteurized. There has been a substantial increase in fluid milk consumption in recent months.

The programme of supervising milk plants has continued. The objective is to not only ensure a safe milk supply for all consumers, but also a supply which will be of the highest quality. Certificates of approval are issued to all plants as soon as full compliance is had with the provincial regulations. During the year some 2,000 examinations of pasteurizing plants were carried out. The close supervision of these dairies is important. No requirements have yet been put into force in regard to operators of these plants, but it is a step which has many advantages. At this time some difficulty is experienced by a number of dairies in securing operators. Changes take place more frequently than usual because of war conditions.

Recreational Sanitation:

An important step was taken during the year for the control of summer camps. These are what might be regarded as "fresh-air" camps. New regulations (see page 35) were adopted under the authority of legislation passed at the 1940 session. These regulations set up certain standards, and required that a license be obtained to operate each camp. In this, the first year of this procedure, 196 licenses were issued.

Efforts were made during the year to maintain general supervision over other recreational facilities in the Province. Inspections were made of the most important summer areas in an effort to supervise water supplies, waste disposal, foods and general sanitation. As in recent years the local health officers have continued to inspect tourist camps and highway services. These health officers reported to the Department on 315 tourist camps, 619 refreshment services, and 878 tourist homes.

Nuisances and Complaints:

An important activity of the Division has to do with the investigation of complaints of unsanitary conditions. These continue to be numerous, and they are received from health officers, local officials, and the public. Many of them are of seasonal nature, but some occur throughout the year. Over 185 such requests were dealt with in the year.

Personnel:

The work of the Division has been made more difficult this year due to losses in personnel. Military service has been responsible for part of this. Mr. L. A. Kay has taken a Commission in the Royal Canadian Engineers, and others are in training. Mr. W. R. Edmonds left the service during the year to join the Dominion Department of Pensions and National Health in sanitary engineering work.

Attached is a list of the water works and sewerage certificates issued during the year, as well as the additional area included for compulsory pasteurization. The new regulations on "Summer Camps" are also included.

CERTIFICATES ISSUED RE WATERMAIN EXTENSIONS, PURIFICATION, ETC., FOR THE YEAR 1940

MUNICIPALITY	No. of Certificates	Watermains Extensions	Supply and Purification	New Systems
Ancaster Township	2	$ 4,502 15		
Anderdon Township	2	3,257 60		
Barton Township	2	3,784 05		
Beamsville	1	11,000 00		
Blenheim	1	21,000 00		
Burlington	1	730 00		
Chatham	3	2,641 50		
Clinton	1	1,400 00		
Cornwall	2	9,895 00		
Cornwall Township	1	385 00		
Crowland Township	1	1,945 85		
Dunville	1	11,000 00		
Etobicoke Township	1	24,538 00		
Fort Frances	2	4,290 00		
Fort William	4	21,771 61		
Goderich	1	2,000 00		
Grantham Township	1	2,500 00		
Grimsby	1	9,850 00		
Hamilton	3	6.028 00		
Hay Township	1	675 00		
Huntsville	1	3,000 00		
Kingston	1	30,000 00		
Kingston Township	1	(Industrial plant)		$ 35.000 00
Kitchener	1	700 00		
Leaside	3	19,007 50		
London Township	3	8,065 00		
Lucknow	1	1,050 00		
Malton	1	(Industrial plant)		86.000 00
North Bay	1	14,136 72		
Oakville	1	1,350 00		
Orillia	1	17,208 00		
Ottawa	9	24,850 00		
Peterborough	1	1,200 00		
Port Hope	2	3,459 69		
Preston	1	457 67		
Richmond Hill	1	1,600 00		
Rockcliffe Park	4	9,564 42		
Sarnia Township	1	9,960 80		
Scarborough Township	1	80,000 00		
Sombra Township	1			$ 12,600 00
Stamford Township	1	57,600 00		
Stratford	2	2,835 00		
Sudbury	1	8,010 00		
Teck Township	4	53,986 00		
Thorold Township	1	1,150 00		
Timmins	1	73,591 50		
Tisdale Township	1	10,911 39		
Toronto	3	2,059 00		
Toronto Township	3	20,900 00		
Uxbridge	1			30,000 00
Waterloo	1	528 00		
Watford	2	1,719 94		
Westminster Township	1	2,602 00		
York Township	9	14,612 00		
York Township East	18	32,884 89		
York Township North	3	18,110 20		
TOTAL	120	$ 670,303 48		$ 163,600 00

CERTIFICATES ISSUED RE SEWERAGE FOR THE YEAR 1940

MUNICIPALITY	No. of Certificates	Sewer Extensions	Disposal	New
Anderdon Township	1	$ 1,938 00	....	....
Arnprior	1	14,546 00	....	....
Barrie	1	64,315 04	$ 65,684 96	....
Barton Township	3	14,786 90	....	....
Brockville	1	3,109 20	....	....
Burlington	1	2,010 00	....	....
Chatham	4	12,365 00	....	....
Cornwall	2	3,980 00	....	....
Crowland Township	3	55,840 25	....	....
Etobicoke Township	2	6,025 00	....	....
Fort Frances	2	1,889 00	....	....
Forest Hill Village	1	3,800 00	....	....
Fort William	4	37,862 87	....	....
Hamilton	8	158,115 00	....	....
Hespeler	3	3,850 00	14,000 00	$ 88,000 00
Kingston	3	2,023 65	....	....
Kitchener	3	57,569 00	....	....
Leaside	7	176.589 56	....	....
London	4	14,853 28	....	....
Mimico	1	1,375 00	....	....
Nipigon Township	1	1,839 43	....	....
Oakville	1	2,500 00	....	....
Ottawa	7	14,794 94	....	....
Owen Sound	1	771 40	....	....
Peterborough	1	1,958 50	....	....
Port Arthur	2	41,530 12	....	....
Preston	1	1,376 32	....	....
Rockcliffe Park	3	8,281 99	....	....
St. Catharines	2	13,174 50	....	....
St. Thomas	2	2,400 00	5,900 00	....
Sarnia	3	18,965 86	....	....
Sault Ste. Marie	1	6,920 00	....	....
Scarborough Township	1	9,452 20	....	....
Simcoe	1	2.373 00	....	....
Sudbury	1	13.430 00	....	....
Swansea	2	1.460 00	....	....
Teck Township	3	36,969 00	2,500 00	....
Thorold Township	1	843 20	....	....
Timmins	2	51,495 96	....	....
Tisdale Township	1	5,153 00	....	....
Toronto	7	11,985 00	5,600,000 00	....
Westminster Township	3	1,615 83	....	....
Woodstock	2	4,293 00	....	....
York Township	3	6,594 00	....	....
York Township East	17	54,728 32	....	....
York Township North	5	19,725 00	7,000 00	....
Total	129	$ 971,473 32	$5,695,084 96	$ 88,000 00

SUMMARY

Re Waterworks:	Estimated Cost
Extensions to existing systems	$ 670,303 48
Purification of Water supplies	....
New Systems	163,600 00
Total	$ 833,903 48

Re Sewerage:	
Extensions to existing systems	$ 971,473 32
Treatment Works	5,695,084 96
New Sewerage systems	88,000 00
Total	$6,754,558 28

The total number of applications favorably reported upon re Waterworks and Sewerage for the year was 249 and involves an estimated expenditure of	$7,588,461 76

Copy of an Order-in-Council approved by The Honourable the Lieutenant-Governor, dated the 28th day of December, A.D., 1939.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that Section 95a of *The Public Health Act* as enacted by Section 8 of *The Health Amendment Act, 1938*, be made applicable to the municipalities and areas designated in the attached schedule.

The Committee further advise that this Order shall come into force on the first day of March, 1940.

Certified,

C. F. Bulmer,
Clerk, Executive Council.

1. In The County of Essex:—The Townships of Maidstone, Rochester, Tilbury West, Tilbury North, Sandwich South, Colchester North, Gosfield North, that part of Gosfield South Twp. lying north of the line between Lots 3 and 4, and that part of Mersea Twp. lying north of the line between Concessions 6 and 7.
2. In The County of Kent:—The Townships of Camden, Howard, Orford, Tilbury East, Zone, Chatham, Dover, Harwich, Raleigh.
3. In The County of Lambton:—The Townships of Bosanquet, Brooke, Dawn, Enniskillen, Euphemia, Moore, Plympton, Sarnia, Sombra, and Warwick.
4. In The County of Middlesex:—The Townships of Adelaide, Caradoc, Delaware, Dorchester North, Ekfrid, Lobo, McGillivray, Metcalfe, Mosa, Williams East, Williams West, and that part of London Twp. north of the line between Concessions 4 and 5.
5. In The County of Oxford:—The Townships of Dereham, Norwich North, Norwich South, Oxford East, Oxford North, Oxford West, that part of Nissouri East Township south of the line between Lots 10 and 11, and that part of the Township of Zorra West, lying south of the line between Lots 20 and 21.
6. In The County of Huron:—The Township of Howick.
7. In The District of Cochrane:—The Townships of Hislop and Playfair.
8. In The District of Sudbury:—The Townships of Chapleau, Hallam, May, Salter and Foleyet.
9. In The District of Nipissing:—The Townships of Ferris East and Caldwell.
10. In The District of Parry Sound:—The Township of Himsworth South.
11. In The District of Timiskaming:—The Townships of Cairo and James.

12. IN THE COUNTY OF NORFOLK:—The Townships of Middleton, Walsingham North, Houghton, Walsingham South, Charlotteville, Woodhouse, Windham, Townsend.

13. IN THE COUNTY OF BRANT:—The Township of Brantford.

14. IN THE COUNTY OF WELLAND:—The Townships of Bertie, Crowland, Humberstone, Pelham, Stamford, Thorold, Willoughby.

15. IN THE COUNTY OF LINCOLN:—The Townships of Clinton, Grantham, Grimsby North, Grimsby South, Louth, Niagara.

16. IN THE COUNTY OF WENTWORTH:—The Townships of Ancaster, Barton, Flamboro East, Flamboro West, Saltfleet.

17. IN THE COUNTY OF PEEL:—The Townships of Albion, Toronto, Toronto Gore.

18. IN THE COUNTY OF WATERLOO:—That part of the Township of Waterloo south of the Speed River, and north of the road between Concessions 5 and 6.

19. IN THE COUNTY OF RUSSELL:—That part of the Township of Cambridge bounded on the north by the line between Concessions 5 and 6; on the east by the line between Lots 5 and 6 of Concessions 6, 7 and 8; on the south by the line between Concessions 8 and 9; on the west by the line between Lots 12 and 13 of Concessions 6, 7 and 8.

20. IN THE COUNTY OF GLENGARRY:—That part of the Township of Charlottenburg lying south of the line between Concessions 2 and 3; and that part of the Township of Lancaster lying south of the line between Concessions 2 and 3; and that part of the Township of Kenyon west of the line between Lots 30 and 31, and south of the line between Concessions 7 and 8, and north of the line between Concessions 4 and 5.

21. IN THE COUNTY OF STORMONT:—That part of the Township of Roxborough east of the line between Lots 6 and 7, and south of the line between Concessions 7 and 8, and north of the line between Concessions 5 and 6.

22. IN THE COUNTY OF PRESCOTT:—The Townships of Hawkesbury West and Alfred.

23. IN THE DISTRICT OF ALGOMA:—The Township of Thessalon.

24. IN THE DISTRICT OF THUNDER BAY:—The Townships of Nipigon and Summers.

25. IN THE DISTRICT OF KENORA:—The Townships of Drayton, Vermillion, Vermillion Additional, and Van Horne.

26. IN THE COUNTY OF HALTON:—The Townships of Nelson and Trafalgar.

27. IN THE COUNTY OF FRONTENAC:—The areas within 1½ miles of each of the following post offices, viz. Sharbot Lake, Parham, Tichborne, Verona, Hartington, Harrowsmith, Sydenham.

28. IN THE COUNTY OF HASTINGS:—That part of Tyendinaga Township lying south of the Canadian National Railway tracks and east of the line between Lots 20 and 21 extended.

29. IN THE COUNTY OF LENNOX AND ADDINGTON:—That part of the Township of Richmond south of the Canadian National Railway tracks and west of Napanee.

30. THE VILLAGES OF:—Ailsa Craig, Alvinston, Arkona, Athens, Ayr, Bancroft, Belle River, Blyth, Cannington, Casselman, Cayuga, Cobden, Coldwater, Courtright, Creemore, Deloro, Drayton, Embro, Erieau, Erie Beach, Erin, Fonthill, Frankford, Glencoe, Grand Valley, Hastings, Highgate, Killaloe Station, Lanark, Lancaster, L'Orignal, Lucan, Marmora, Maxville, Merrickville, Mildmay, Millbrook, Norwood, Oil Springs, Omemee, Paisley, Richmond, St. Clair Beach, Streetsville, Teeswater, Thedford, Tottenham, Wardsville, Waterdown, Wyoming.

31. THE AREAS OCCUPIED BY THE FOLLOWING POLICE VILLAGES:—Baden, Burford, Elmvale, Eden Mills, Holland Landing, King City, MacTier, Manotick, North Gower, Orono, Plantagenet, Queensville, Rockwood, Schomberg, St. George, Sharon, Sunderland, Thornhill, Waubaushene.

Copy of an Order-in-Council approved by The Honourable the Administrator of the Government of the Province of Ontario, dated the 1st day of November, A.D., 1940.

Upon the recommendation of the Honourable the Minister of Health, the Committee of Council advise that section 95a of *The Public Health Act* as enacted by section 8 of *The Public Health Amendment Act, 1938,* be made applicable to the municipalities and areas designated in the attached schedule.

The Committee further advise that this Order-In-Council shall come into force on December 2nd, 1940.

Certified,

C. F. Bulmer,
Clerk, Executive Council

1. In The County of Brant:—That part of the Township of Dumfries South, bounded on the west by the line between Lots 12 and 13 and on the north by the line between Concessions 3 and 4 (including the Police Village of St. George.)
2. In The District of Manitoulin:—That part of the Township of Carnavon bounded on the east by the twenty-fifth side line, on the west by the fifteenth side line, on the north by the 3rd Concession, and on the south by the 6th Concession. That part of the Township of Assiginack included in the Manitowaning Townsite.
3. In The District of Parry Sound:—The Township of Himsworth North.
4. The Village of Newbury.

Regulations for Summer Camps (1940) is included in the Report of Solicitor. See page 35, of this Report.

DIVISION OF LABORATORIES

A. L. MacNabb, B.V.Sc., *Director.*

During the past year, the Division of Laboratories examined 708,749 specimens, which is an increase of 107,209 specimens, or 18 per cent., over the previous year. To this increase, the Central Laboratory contributed 64,634 specimens and the Branch Laboratories 42,575. This increase in volume of work is partially accounted for by the fact that during the present calendar year the Division examined 51,500 specimens for the Army and Air Force. The Central Laboratory also prepared and distributed 48 litres of typhoid paratyphoid vaccine for the armed forces. The cost per specimen for examinations during the past year was 20 cents, which is eight cents lower than that of 1934, and one cent per specimen lower than that of 1939.

During the present calendar year, the Central Laboratory staff has been increased from 74 to 82 members. Of this present number, four are employed in overtime duties, eight are employed in the outfit room and fifteen in the stockroom and other outfit preparation divisions. We were unfortunate in losing the services of Miss Gladys Matthews, who so faithfully served as senior serological worker in the Venereal Disease Section of the Central Laboratory. Following Miss Matthews' departure, the Section was changed from being merely a serodiagnostic section to a venereal disease section, with Dr. Elmer Barton in immediate charge. We also regret the departure from the staff of Miss Myrtle Rankin, B.A., and Miss Jean Faulds, B.A.

Mr. Roy White has maintained cost records for the various sections of the laboratory. Details of this procedure follow. A new system of maintaining records of stock and shipments to Branch Laboratories has been instituted in our stockroom.

Branch Laboratories:

The Ottawa Branch Laboratory has given two of its members to the Country's service, namely, Mr. Norman Martin and Mr. Walter Douglas, both of whom have enlisted in the Royal Canadian Air Force. Miss Evelyn Tuft was transferred to the Fort William Laboratory staff. Due to the increase in work, it was necessary to transfer a portion of the work previously performed in the Richardson Laboratory, General Hospital, Kingston, under the Directorship of Professor James Miller, to the Department of Health Laboratory, Government Building, Barrie Street, Kingston, under the Directorship of Dr. E. P. Johns. Two additional staff members were added to this Laboratory, so that the laboratory tests for the diagnosis of Venereal Disease and Tuberculosis are performed in this latter Laboratory. This arrangement has worked out most satisfactorily and harmoniously. This change has enabled Professor Miller and his staff to carry on the other additional work for the armed forces.

Technical Changes:

Due to the increase in the number of blood examinations which are made, and also to our desire that positive results should be expressed quantitatively, it was decided to subject all specimens received to one supersensitive test method and to one of moderate sensitivity. The Presumptive Kahn and Standard Kahn tests were the tests selected to which all specimens received should be subjected. Where the results with both tests are negative, a report is forwarded. Where the results with both tests are positive the Quantitative Kahn test is also performed and the results of the Standard and Quantitative tests are reported. In instances where the results of the Presumptive and Standard Kahn tests are not in agreement, a Kolmer Wassermann test is also performed and the results of the Standard Kahn and Kolmer Wassermann Tests are reported. The G. C. cultural test method was made a routine laboratory procedure for Special Treatment Clinics and other Institutions.

Two new outfits were prepared for distribution, namely, the haemolytic streptococcus outfit, and an outfit for the collection of material for microscopic examination for Enterobius vermicularis. The Central Laboratory has prepared streptococcal group serum and also type serum for the various types belonging to Group A. This is available for distribution to the Branch Laboratories. Certain technical changes were made in the Enteric Disease Section of the Laboratory, details of which will be outlined under the work of that particular Section.

Outfits: 363,866 outfits were prepared and distributed by the Division. Of this number 257,625 were prepared at the Central Laboratory and 106,241 at the Branch Laboratories. During the present calendar year, 148 litres of T.A.B. vaccine were prepared. The following table, Table I, indicates the number and the nature of the examinations performed in the Central Laboratory and in each of the Divisional Branch Laboratories.

TABLE I

DIVISION OF LABORATORIES — DEPARTMENT OF HEALTH, ONTARIO

January 1 to December 31st, 1940

ROUTINE PROCEDURES. NUMBER OF EXAMINATIONS.

TYPE OF SPECIMEN	Toronto	London	Ottawa	Fort William	Kingston	North Bay	Peterboro	Sault Ste. Marie	Total
BACTERIOLOGY:									
Diphtheria—Direct Smears	2361	1331	614	447	42	16	94	10	4915
Cultures	6771	1466	3038	664	546	407	124	1028	14044
Virulence Tests	154	5		2		8	2		171
Kellogg Tests	96								96
Further Tests	529			623		389		1028	2569
Tuberculosis—									
Microscopic Smears	29653	4220	2373	1704	1717	1171	431	335	41604
Guinea Pigs Inoculated	910	21	6	79		98	13		1127
Cultures	7449	579	877	1006	97	577		1	10586
Complement Fixation									
Gonorrhoea—									
Microscopic Smears	17468	3452	6379	4112	2603	4388	1024	1465	40891
Cultures	1121	5	200	134	86	40		89	1675
Complement Fixation	417	109		223					749
Pneumonia—									
Pneumococcus Typing	2385	192	14	412	44	303	7	51	3408
Meningitis—Spinal Fluids	736	1204	67	121	125	148	43	18	2462
Swabs	520				43				563
Whooping Cough	209		19						228
Haemolytic Streptococcus Infections	1145			273					1418
Rabies	17	4							21
Agglutinations—									
Whole Bloods—									
Typhoid H. & O.	2692	754	253	513	264	224	87	11	4798
Typhi VI	1665								1665
Paratyphoid A	2692	728	247	262	264	224	87	11	4515
Paratyph. B (Type & Group)	2692	730	253	524	264	448	88	11	5010
Br. Abortus	2692	744	248	259	264	224	96	12	4539
Opsonic Index	1								1
Cow's Blood	2475	428							2903
B. Tularense	2692	8		248		224	88	12	3272
Paradysentery Flexner	101	2							103
Dysentery Shiga	20								20
Heterophile Antibody	49								49
Dried Blood	19						21		40
Faeces Examinations—									
Parasitic Ova	168	37	79	73	12	23		4	396
Occult Blood	62	38	22	9	11	15	3	4	164
Cultures	3289	407	103	417	93	225	29	11	4574
Blood Cultures	4341	1151	80	392	258	224	113	25	6584
Miscellaneous Bacteriological Examinations	11977	12403	432	2766	582	1506	595	1124	31385
TOTAL EXAMINATIONS FOR YR.	109566	30018	15304	15263	7315	10882	2945	5250	196545

ROUTINE PROCEDURES TABLE I—Continued NUMBER OF EXAMINATIONS

TYPE OF SPECIMEN	Toronto	London	Ottawa	Fort William	Kingston	North Bay	Peterboro	Sault Ste. Marie	Total
SANITARY ANALYSES:									
Milk—Standard Plate Counts	6317	5657	3971	3406	1135	1629	983	1586	24684
B. Coli Counts	6241	2626	3955	1137	339	1633	396		16327
Phosphatase	3086	2627	3541	920		1063		652	11889
Chemical Tests	3773	3711	3909	1316	287	1536	1801	3302	19635
Mastitic Tests		6	48						54
Miscellaneous	572		142						714
Ice Cream—Plate Counts		167	35						202
B. Coli Counts		167	35						202
Phosphatase			33						33
Water—									
Standard Plate Counts	1431								1431
B. Coli	10109	3958	4746	3751	1060	2366	1468	4012	31470
Carbonated Beverages			5						5
Food Examinations	44								44
Restaurant and Beverage Room Utensils		227	1358				60		1645
B. Coli			1260						1260
Germicidal Tests	14								14
TOTAL EXAMINATIONS	31587	19146	23038	10530	2821	8227	4708	9552	109609
SYPHILIS:									
Primary Lesion—									
Fontana Stain			3						3
Dark Field	313	6	61	78	13	127	3	5	606
Blood Serum—									
Standard Kahn	77219	23961	21040	9619	10277	13108			155224
Presumptive Kahn	7213	1847	5	502	248	219			10034
Quantitative Kahn	387		793	4		10			1194
Hinton	69066	23837	20503	9527	10277	12879			146089
Kolmer Wassermann	1878	1349	1122	820	584				5753
Diagnostic Kline	232	295							527
Spinal Fluid—									
Kolmer Wassermann	4472	1152	642	143	183				6592
Standard Kahn	3609	979	562	263					5413
Colloidal Gold	4510	1234	638	265	160	171			6978
Colloidal Mastic				72	160				232
Total Protein	3363	217			160	69			3809
Globulin			639	318	160				1117
Chlorides					160				160
Cell Count					160				160
TOTAL EXAMINATIONS	172262	54877	46008	21611	22542	26583	3	5	343891
PATHOLOGY—Biopsy	9971	2136			3546		930		16583
Autopsy	96	12							108
TOTAL EXAMINATIONS	10067	2148			3546		930		16691
CHEMISTRY:									
Blood Sugar	15981	3303	563	558	517	846	230	731	22729
N. P. N	7262	2051		260	75	337		2	9987
Water	169	31	2					439	641
Coal	193								193
Miscellaneous	3702	519	195	158		112	82	1061	5829
Liquors—Alcohol	1534								1534
Beers	224								224
Spirits	354								354
Wines	522								522
TOTAL EXAMINATIONS	29941	5904	760	976	592	1295	312	2233	42013
GRAND TOTAL FOR YEAR	353425	112093	85110	48380	36816	46987	8898	17040	708749

Table II indicates the preparations prepared and distributed at the Central Laboratory.

TABLE II

BIOLOGICAL AND CHEMICAL PRODUCTS PREPARED AND DISTRIBUTED FROM MAIN LABORATORY DURING YEAR 1940

T. A. B. Vaccine	12,864	Pkgs.
Rabies Vaccine	85	Pkgs.
Polio Serum	0	Pkgs.
Silver Nitrate	1,145	Ozs.
Bismuth Oxychloride	326,496	Grs.
Mercury Salicylate	8,148	Grs.
Sodium Hydroxide in the Treatment of V. D. S.	1,008	Ozs.
Distilled Water in the Treatment of V. D. S.	56,362	Ozs.

Bacteriology:

Diphtheria: 6,771 cultural tests were made for the presence of C. Diphtheriae. Of this number, 111 showed the presence of diphtheria-like organisms. Of the toxicity tests done during the year, the cultures from 51 proved to be true toxin-producing diphtheria organisms. Of this number, 15 were obtained from one outbreak.

Tuberculosis: The T. B. Cultural procedure during the past year was identical with that of the previous year. During the year 7,231 specimens were cultured for the presence of tubercle bacilli, of which 10.23 per cent. yielded growth of tubercle bacilli.

Miscellaneous: 11,977 examinations were performed at the Central Laboratory. Of this number, 2,468 examinations were made for pneumococcus organisms. Table III shows the results of the typing procedure.

TABLE III

PNEUMOCOCCUS TYPING

TYPES ISOLATED FROM VARIOUS TYPES OF SPECIMEN

January 1st—December 31st, 1940

TYPE	Sputum	Throat	Pleural	Ear	Spinal	Misc.	Total
1	82	2	8	....	....	....	92
2	90	1	1	....	....	....	92
3	128	4	2	6	....	....	140
4	51	....	....	....	....	....	51
5	28	2	2	1	1	....	34
6	40	....	....	....	....	....	40
7	49	....	....	....	1	1	51
8	68	2	1	....	....	....	71
9	32	....	....	....	1	....	33
10	10	....	....	....	1	....	11
11	27	....	1	....	....	....	28
12	12	....	....	1	....	....	13
13	36	2	....	....	....	1	39
14	14	....	....	....	1	....	15
15	11	....	....	....	....	1	12
16	49	....	....	....	....	....	49
17	22	....	....	....	....	....	22
18	44	....	3	....	....	....	47
19	44	....	....	3	1	....	48
20	22	....	....	....	....	....	22
21	11	....	....	....	....	....	11
22	24	1	....	....	....	....	25
23	17	1	....	1	....	....	19
24	10	....	....	....	....	....	10
25	10	....	....	....	....	1	11
27	5	....	....	....	....	....	5
28	10	1	....	....	....	....	11
29	14	....	1	....	....	....	15
31	9	....	....	....	1	....	10
32	14	....	....	....	....	....	14
33	4	....	....	....	....	....	4
Parmer	4	....	....	....	....	....	4
Horlisch	18	....	....	....	....	....	18
Garber	6	....	....	....	....	....	6
Ruskin	8	....	....	....	....	....	8
Allin	6	....	....	....	....	....	6
Undetermined	82	1	....	1	....	2	86
Multiple	89	1	....	....	....	....	90
Negative	1107	47	35	10	....	6	1205
Total	2307	65	54	23	7	12	2468

Enteric Disease: 2,627 specimens of whole blood were received at the Central Laboratory of which 443 specimens yielded positive results for either typhoid, paratyphoid, Brucella abortus or Pasteurella tularensis infection. 166 or 6.32 per cent. of the specimens received show a positive agglutination for S. typhi.

Blood Culture: As in previous years, the blood clot from each whole blood specimen is cultured. The following table, Table IV, indicates the results of the blood culture examination.

TABLE IV

ISOLATIONS FROM BLOOD CULTURES

Positive for S. Typhi	28	.74
Positive for S. paratyphi A	2	.05
Positive for S. paratyphi B	7	.18
Positive for non-hemolytic staphylococcus aureus	6	.16
Positive for hemolytic staphylococcus aureus	36	.95
Positive for mildly hemolytic streptococcus	19	.50
Positive for streptococcus viridans	12	.31
Positive for hemolytic streptococcus	15	.39
Positive for pneumococcus	4	.10
Positive for S. newport	1	.03

Total number of positive	130
Total number of negative	3675
Total number examined	3805
Percent positive	3.42

Stool and Urine Specimens: The number of stool and urine specimens received was 3,831. Of this number, 2,410 were examined for the civilian population and 1,421 for the armed forces; these latter specimens submitted from food handlers. The following table, Table V, indicates the type of organism isolated.

TABLE V

ISOLATIONS FROM STOOL AND URINE SPECIMENS

Positive for S. typhi	123	5.10%
Positive for S. paratyphi B	53	2.19
Positive for S. morgani	45	1.88
Positive for Sh. paradysenteriae W	3	.12
Positive for Sh. paradysenteriae Newcastle	1	.04
Positive for Sh. paradysenteriae X	8	.33
Positive for Sh. paradysenteriae Z	12	.50
Positive for Sh. paradysenteriae Sonne	8	.33
Positive for S. typhi murium	15	.62
Positive for S. newport	1	.04

OTHER TESTS ON STOOL AND URINE SPECIMENS

	No. examined	Positive	%
Occult Blood	62	34	54.84
Ova	119	12	10.09
Amoebic Cysts	21	3	14.29
Pus	9	1	11.11
Special pin-worm outfits	18	2	11.11

In addition to the routine cultural examination, 21 specimens were submitted for examination for Entamoeba histolytica, three of which showed the presence of amoeba cysts. Of 119 specimens examined for the presence of parasitic ova, 12, or 10.09 per cent. showed the presence of ova of the Enterobius vermicularis. The Central Laboratory, during the past year, received 66 cultures for identification from other Laboratories. The following table, Table VI, gives the nature of the organism isolated from these cultures.

TABLE VI

IDENTIFICATION OF CULTURES SUBMITTED FROM OTHER LABORATORIES, ETC.

Number examined—66	
S. Columbensis	2
Sh. alkalescens	8
Non-pathogenic Salmonella	5
S. paratyphi B	1
S. brandenburg	1
Escherichia Group	10
Alkaligenes faecalis	3
Proteus groups	1
S. typhi	4
Unidentified Salmonella	4
S. morgani	3
Sh. paradysenteriae Z	12
S. typhi-murium	2
B. pyocyaneus	1
Flavobacterium group	2
Sh. paradysenteriae X	1
S. newport	1
Eberthella Group	4
Sh. paradysenteriae Sonne	1

Typing, S. Typhi: During the year, 203 strains were tested for phage susceptibility to determine the type as proposed by Craigie. The following table, Table VII, shows the type of the typhi strains.

TABLE VII

Type	Number	Percent
A	19	9.36
B2	1	.49
B3	15	7.39
C	28	13.79
D1	3	1.47
D3	3	1.47
E1	69	34.00
F1	40	19.70
F2	1	.49
I.V.F.	17	8.37
W.F.	7	3.44
	203	

I.V.F—Imperfect V. Form. W.F.—W. Form.

By far the largest number of strains isolated were E., 34% of the total number.

F. came next with 19.7%—followed by C. with 13.79%.

In no case were two different types isolated from one patient, either from one stool specimen or from subsequent specimens.

It will be noted from the above table that Type "E" accounted for 34 per cent. of the total number. Type "F" was second with 19.7 per cent. and Type "C" third with 13.79 per cent. In co-operation with the Epidemiological Division, we desired to have all strains of typhi typed, so that the type of case strains may be compared with the serological type of carrier strains.

Spinal Fluids: During the year, 752 specimens of spinal fluid were subjected to microscopic and cultural examination. The following table, Table VIII, shows the microscopic and cultural results.

TABLE VIII

SPINAL FLUID EXAMINATIONS ON 752 SPECIMENS, 1940

Culture		White Cell Count	
Meningococcus	13	No increase	480
Meningococcus on smear Culture no growth	11	10-49 White Cells	72
Pneumococcus	15	50-99 White Cells	23
H. Influenza	8	100-499 White Cells	60
Haemolytic streptococcus	12	Over 500 White Cells	117
Streptococcus viridans	7		
Haemolytic staphylococcus aureus	3		
Staphylococcus aureus	11		
Contamination—spore bearing organisms	10		
Tubercle Bacilli	12		
No growth	277		
Culture not done	373		
	752		752

The pneumococcus isolations include the following types: 1, 2, 5, 6. 7, 9. 10, 11, 18, 19, 31.

Syphilis: The new serodiagnostic routine, as indicated above has been performed since November last. The routine has been changed at each of the Branch Laboratories as from January 1st, 1941, so that uniformity of tests will be maintained. The number of spinal fluid specimens received has shown a decided increase. The same routine as reported last year, namely, Kolmer Wassermann, Colloidal Gold and Total Protein determination is conducted on each fluid.

Dark Field Examination: The following table, Table IX, outlines the number of dark field specimens submitted to the Central Laboratory and the results obtained by dark field examination and by serological examination of the peripheral blood.

TABLE IX

DARK FIELD EXAMINATION, 1940

Positive specimen accompanied by blood	93
Positive specimen not accompanied by blood	56
Total Positive Specimens	149

Total Specimens accompanied by blood			220
Dark Field Positive	93	42.3%	
Blood Positive	56	25.5%—77	35.0%
Blood Doubtful	21	9.5%	

Gonorrhoea: 1,121 cultural examinations have been performed at the Central Laboratory and 417 complement fixation tests. The results of cultural examination are used by physicians in charge of clinics as an aid in determining the effect of treatment. Cultural examination has been found to be approximately ten per cent. more sensitive than microscopic smear examination. It must, however, be borne in mind that it is necessary, for accurate results, that material for culture be collected not earlier than five days after discontinuing chemotherapy.

Meningitis: Five hundred and twenty swabs of pharyngeal exudate were examined for the presence of meningococcus organisms during the past year. In one survey 470 swabs were examined. A portable laboratory was established at a centre. The medium used was the heart infusion, proteose peptone agar, enriched with ten per cent. blood. Every precaution was exercised to ensure that the medium was maintained at blood heat. All suspicious colonies were fished at 24 and 48 hour intervals, plated and transferred to semi-solid ascitic fluid agar, containing the appropriate carbohydrate. From these swabs 28 strains of meningococci were isolated, 26 of which were in type 2 and two of which were in type 1. Eighty strains of Gram negative diplococci, which were not meningococci, were encountered.

Rabies: 17 cats' and dogs' heads were received at the Laboratory during the year. Rabies infection was not demonstrated in any of these.

Haemolytic Streptococci: 1,145 swab outfits were received from Institutions for the identification of haemolytic streptococci. Of 34 cultures subjected to serological tests, following are their groupings:

Group A	22	Group H	1
Group B	4	Group F	5
Group C	2		

A separate report from the Provincial Pathologist follows, also a report from each of the Branch Laboratories.

I wish to thank each and every Director for his hearty co-operation during the past year. I would like to stress the very excellent co-operation received from the two University Laboratories, namely, that of Professor James Miller, Queen's University, Kingston, and Dr. A. J. Slack, Institute of Public Health, Western University, London.

FORT WILLIAM BRANCH LABORATORY

A. E. Allin, B.A., M.D., D.P.H., *Director.*

I have the honour to submit herewith the Annual Report of this Branch Laboratory for the year 1940.

Routine examinations numbered 48,392, an increase of 7,346 examinations, or 18 per cent., more than the 41,046 tests done in 1939. This increase was general for all tests, showing an increasing appreciation of the value of bacteriology, not only in public health but in clinical medicine as well.

Approximately 5 per cent. of our work is being performed for the Army and Air Force at the present time.

Due to illness and resignations the staff was short-handed during most of the year. We were able to carry on the increased work only due to help received from the Central Laboratory and by one temporary appointment.

Apart from the regular routine, time was found to deliver some 50 lectures in Bacteriology and Immunity to the nurses of the three local hospitals. Many of these undergraduates took the opportunity of visiting the laboratory and observing the work carried on there. For the first time the Port Arthur General Hospital arranged that the Public Health studies of their graduating class should include a half-day with us studying Public Health Bacteriology. During October we were privileged to have as an observer Miss M. Norris, of the Children's Hospital, Winnipeg. Miss Norris is a biochemist, interested in acquiring some knowledge of general bacteriology.

I wish to express my thanks to Dr. A. L. MacNabb for his co-operation and assistance during this past year.

OTTAWA BRANCH LABORATORY

F. L. Letts, M.B., D.P.H., *Director.*

I have the honour to submit herewith a summary of the work of this Branch Laboratory during the year 1940.

In common with similar establishments throughout Canada, our Laboratory has had more than the usual number of changes in personnel, due to wartime conditions. Of the eight persons on duty here at the beginning of 1940, two have enlisted in the Active Canadian Army.

The number of specimens examined here in 1940 is 23.8 per cent. more than the number for 1939. Our work as a distributing centre has also increased. During 1940 we issued 7,795 vials of free insulin; 10,961 packages of therapeutic preparations other than insulin, and 44,867 diagnostic outfits.

During the year the wiring conducting electricity into this building has been thoroughly overhauled by the Ottawa Water Works Dept. and the Ottawa Hydro Electric Commission, so that we now have ample electric power for our requirements, without the danger of overloading which previously existed. Electrically operated equipment installed during the year includes two frigidaires, a large centrifuge, an incubator, and an electric autoclave.

We wish to thank Doctor MacNabb, Director of Laboratories for continued co-operation in the furnishing of equipment, supplies and personnel.

NORTH BAY BRANCH LABORATORY

A. D. McClure, B.A., *Director.*

I have the honour to submit herewith the annual report of the work carried out in this laboratory during the past year.

The increase in volume has not been as great as during the past few years: however a substantial increase of approximately six per cent. is shown. The number of examinations made was 46,987.

The phosphatase test which has now been a routine procedure on all milk from supplies required to be pasteurized has shown very few cases of underpasteurization during the past year. This would seem to indicate that this test is of great value to the health officials and dairymen of those municipalities which submit milk to the laboratory.

The findings shown by the colon counts on milk are not as satisfactory as one might hope for. One can only hope that in the near future the significance of this test will be more fully realized, and health officials and dairymen will make greater use of it in improving the quality of the milk in their various municipalities.

I wish to express thanks on behalf of the staff and myself to Dr. MacNabb and his staff for help received at various times throughout the year.

SAULT STE. MARIE BRANCH LABORATORY

N. F. W. Graham, B.A., M.D., *Director.*

The work of the Laboratory at Sault Ste. Marie, shows some variation in the numbers of the various specimens examined as is usually the case. The latter half of the year showed a falling off in the work on the Streptococcus. This was due to the fact that in 1939 when the local Regiment was in barracks this organism was found to be responsible for an outbreak of sore throats of more or less severity. This infection spread to the public outside, causing a continuous outbreak lasting until the winter of 1939-40 was over. This last year nothing of a similar nature has occurred.

The work generally would be greatly stimulated by even the addition of a stenographer, but preferably another well-trained person. There have been no epidemics during 1940 of a serious nature.

PETERBOROUGH BRANCH LABORATORY

C. B. Waite, M.D., *Director.*

I have the honour to submit my report for the Branch Laboratory, Peterborough, for the year 1940, as follows:

There has been a general increase in the work at the Laboratory. The phosphatase tests have been done since May. Examination of throat swabs for diphtheria still continue to decrease, although a few are still received. Very few of them were positive.

There appears to be a marked increase this fall in the number of haemolytic streptococcus and staphylococcus aureus infections.

The examination of all kinds for diagnosis of the typhoid group have decreased, and also, very few positives were found as compared with other years.

A junior technician has been taken on the staff, owing to increase in the work in the last three years. This was found necessary. We are preparing to undertake the Kahn test in the near future.

I wish to thank the Director for his co-operation throughout the year.

All of which is respectfully submitted.

KINGSTON BRANCH LABORATORY

James Miller, M.D., F.R.C.P.E.& C., *Director.*

I beg to submit the statistics of the work done in the Kingston Branch Laboratory during the past year. Comparison of the figures with those of 1938 and 1939 shows a notable increase for 1940. This increase is mainly under the headings of blood serum tests for syphilis and smears and cultures for Neisserian Infection. There has also been an increase in the tissue examinations, although owing to the Belleville General Hospital now having their own pathologist, the figures are not as high as they would otherwise have been. There is some reduction in the milk examinations, owing to the fact that the various dairies are running their pasteurizing plants with greater knowledge and skill.

As in previous years for some time past the routine examinations of the water supplies of Kingston Municipality of the Penitentiary and of the Royal Military College Hospital have been carried out in the Department of Preventive Medicine under Professor Wyllie as have also the phosphatase tests. The co-operation between the two laboratories in these matters has been harmonious and entirely satisfactory.

I would again wish to express my gratitude to the Honourable the Minister of Health, the Deputy Minister and to Dr. MacNabb, for kindness and ready co-operation in all respects.

INSTITUTE OF PUBLIC HEALTH, LONDON

A. J. Slack, Ph.C., M.D., D.P.H., *Director.*

I have the honour to submit herewith the annual report of Laboratory examinations made during the year 1940 by the Branch Laboratory of the Department, located in the Institute of Public Health, London.

Laboratory examinations made during the year numbered 112,093 as compared with 103,957 examinations for the preceding year. This represents an increase of 8,136 examinations or 7.8 per cent. over the total for 1939. Analysis of these figures shows that the most marked increases occurred in specimens of blood and spinal fluid for serological examination, in blood chemistry, and in milk samples for chemical and bacteriological examination. During the year 52,432 outfits were reclaimed and prepared for redistribution and 55,394 outfits were distributed as compared with 43,650 outfits reclaimed and 47,732 outfits distributed during 1939.

Biologicals distributed from this centre, exclusive of insulin, numbered 15,852 packages. Free insulin distributed included 8,052 packages or 2,903,400 units of ordinary insulin and 2,706 packages or 1,100,000 units of Protamine Zinc insulin. Thus an increased amount of work is noted in every line of laboratory activity, and it is perhaps worthy of mention that this increased amount of work has been accomplished without increase in staff.

I wish to express my appreciation to the members of the Institute staff and to Dr. MacNabb and his staff for their hearty co-operation throughout the year.

PATHOLOGY

S. F. Penny, M.D., *Pathologist*

H. Doris Howell, M.A., M.B., *Assistant Pathologist.*

During the year 1940, the Section of Pathology of the Central Laboratories continued to provide tissue diagnostic service to hospitals and surgeons throughout the Province. This year shows a considerable increase in total specimens, reaching 10,860 compared with 8,679 in 1939, an increase of 25.1%.

During the year, Dr. J. Harold Shaw received training in surgical pathological diagnosis for a period of two months before leaving to join the R.C.A.M.C. Dr. James Bell has given part-time assistance in pathology in addition to his work in bacteriology. Three students, and one junior technician were given instruction in pathological technique during the year. Miss Marjorie Brockway, after six years efficient work as secretary in the section. became stockkeeper of the Division of Laboratories. No changes were made in the technical staff.

Only minor changes were made in technical methods during the year, the paraffin and frozen section methods being continued.

Dr. James Miller, Dr. W. L. Robinson, and Dr. E. A. Linell, continued to give valuable consultant service to the section.

The following tables show in statistical form the work of the section of Pathology for 1940.

REPORT 1940

Number of Hospitals Served	207
Number of Physicians and Surgeons Served	3000
Number of Frozen Sections	3183
Number of paraffin Sections	7677
Number of Military Cases (4 autopsies)	149

ANALYSIS OF PATHOLOGICAL SPECIMENS 1930–1940

YEAR	Number of Surgicals	Number of Autopsies	Total Specimens	Total Malignant	% Malignant of Total Specimens
1930	599	9	609	132	21.1
1931	2625	46	2671	422	15.8
1932	3083	50	3113	440	14.1
1933	3652	23	3675	392	10.7
1934	4683	33	4716	563	11.9
1935	5553	44	5597	579	10.3
1936	5919	48	5967	595	9.8
1937	6917	87	7004	589	8.4
1938	8512	146	8658	768	8.8
1939	8554	125	8679	637	7.3
1940	10738	122	10860	756	6.9

AUTOPSIES 1940

Ontario Hospitals	4
Workmen's Compensation Board	10
Animal Tissue	13
From Hospitals and Doctors	95
Total for 1940	122

CLASSIFICATION OF TUMOUR SPECIMENS BY SITE AND SEX

	Malignant			Benign		
Tissues	Male	Female	Unstated	Male	Female	Unstated
Adrenal	....	....	....	1	....	....
Appendix	1	6	....	....	....	....
Blood	....	....	....	....	....	....
Brain and Nerves	3	....	....	1	....	....
Bladder, Urinary	6	5	....	3	....	....
Breast	1	132	....	....	64	....
Bone, Cartilage	3	2	....	19	15	....
Eye	1	1	....	....	1	....
Endometriosis	....	....	....	....	97	....
External Genitalia	2	5	....	....	....	....
Fluids	3	3	1	....	....	....
Glands, Primary	13	10	....	....	....	....
Secondary	15	61	1	....	....	....
Salivary	....	....	....	4	8	2
Intestine, Large	11	10	....	....	2	....
Small	2	....	....	1	1	....
Kidney, Ureter	3	1	....	....	....	....
Liver, Gall Bladder	....	3	....	....	....	....
Lungs	7	....	....	....	....	....
Mouth, Tongue, Lip	43	7	....	41	46	7
Nose, Throat	1	2	1	18	8	3
Ovary, Tube	....	21	....	....	80	....
Pancreas	1	1	....	....	....	....
Peritoneum	1	1	....	....	2	....
Prostate	13	....	....	1	....	....
Rectum, Anus	9	10	....	14	12	2
Skin	79	66	4	125	157	10
Subcutaneous Tiss., Tendon, Muscle	5	7	1	78	55	3
Stomach, Oesophagus	5	4	....	....	....	....
Testis, Epididymus	12	....	....	1	....	....
Thyroid	....	....	....	40	166	....
Urethra	2	1	....	1	19	....
Uterus, Body	....	29	....	....	341	....
Cervix	....	72	....	....	118	....
Vagina	....	5	....	....	9	....
Secondary	20	21	....	....	....	....
Totals	262	486	8	347	1201	27
	Malignant Total 756			Benign total 1,575		

Total Tumours	2331
Of all tumours, malignant	32.4%
Total Tissues	10860
Percentage of Tumours to total tissues	21.5%
Percentage of malignant tumours to total tissues	6.9%

SEVENTY-THIRD ANNUAL REPORT

OF THE

HOSPITALS DIVISION
DEPARTMENT OF HEALTH

UPON THE

Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habituate Patients

OF THE

PROVINCE OF ONTARIO
FOR THE YEAR ENDING MARCH 31st, 1940

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

ONTARIO

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1941

TO THE HONOURABLE ALBERT MATTHEWS,
Lieutenant-Governor of the Province of Ontario.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Seventy-third Annual Report of the Hospitals Division, Department of Health, upon the Ontario Hospitals for the Mentally Ill, Mentally Defective, Epileptic and Habituate Patients of the Province of Ontario, for the year ending March 31st, 1940.

Respectfully submitted,

Harold J Kirby

Minister.

.THE HONOURABLE H. J. KIRBY, K.C.,
Minister, Department of Health,
Parliament Buildings,
Toronto, Ontario.

Dear Sir:—

I have the honour to present herewith the 73rd Annual Report of the Hospitals Division of the Department of Health for the year ending March 31st, 1940.

A number of major changes in the work of the Division became necessary during the present fiscal year as a result of war conditions. The new Ontario Hospital at St. Thomas which came into operation in March 1939 had admitted 1,050 patients by the end of July. Shortly after the outbreak of war the Ontario Government offered the St. Thomas Hospital as a training centre for the Royal Canadian Air Force. This offer was accepted and in October 1939 all patients and staff were transferred elsewhere.

In order to assist in providing the additional accommodation required by the transfer of patients from the St. Thomas Hospital, the Gaol Farm Langstaff was acquired from the City of Toronto. This was opened as the Ontario Hospital, Langstaff, in October 1939 and an average of 310 male patients have been in residence there since that date.

In July 1939 the construction of a new group of one-story modern hospital buildings was completed at the Ontario Hospital, Woodstock. This Unit now provides accommodation for some 600 patients and is devoted to the special treatment needs of those mentally ill patients who are suffering from tuberculosis or who require segregation because of suspected tuberculosis.

The staffs of the Ontario Hospitals have an excellent record of enlistment in the Canadian Active Service Forces. By March 31st, 1940, 128 members of the staff were were already on active service. This number included 8 physicians. It is expected that the number of enlistments will be greatly increased during the coming year, and this will add considerably to administrative responsibilities because of the consequent necessity of training many new members of staff.

During the fiscal year the patient population of Ontario Hospitals has shown only a very slight increase. On March 31st, 1940 there were 13,764 patients in residence in the thirteen Ontario mental hospitals. This represents an increase of only 18 patients (0.13%) over the resident population at the end of the previous year. In addition to patients in residence there were 962 patients on probation and 550 patients under supervision in approved boarding homes. Thus, the total number of patients on the books of the Ontario Hospitals at the end of the year was 15,283. This represents an increase for the year of 89 patients (0.6%).

During the year 2,257 patients were discharged from Ontario Hospitals. This amounts to 12.3% of all patients under supervision during the year. The number of patients discharged is equivalent to 70% of the total number of patients admitted during the same period. Of the patients discharged 1,647 (72.9%) were described as "recovered" or "improved" at the time of leaving hospital.

It is hoped that the information contained in this report will be useful, not only to those directly concerned in dealing with the mentally ill, but also to the general public whose interest and support are essential for further progress in this field of effort.

Respectfully submitted,

B. T. McGHIE, M.D.

Deputy Minister.

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ONTARIO HOSPITAL, BROCKVILLE

DR. C. S. TENNANT, Superintendent.

CARE AND TREATMENT OF PATIENTS:

At the end of our fiscal year we are able to report a decrease in the number of patients on our books. This has largely been accomplished by the transfer of patients to Langstaff and Woodstock. Our total admissions has shown a slight increase but our discharge rate is proportionately greater and the number in boarding homes has slightly increased. Thirteen more patients were on probation than at the end of the preceding year.

We have continued in our efforts to increase the facilities for recreation for our patients and to interest them in this form of therapy. The bowling greens are used more or less continuously for groups of patients during the summer months. Table tennis is now available and the billiard table was equipped with new cushions as well. These repairs were provided from Canteen profits. From the same source, money was provided for the purchase of a new screen for moving pictures and an electric turn-table was purchased. This was used during the winter months at the skating rink with the loud speakers from our motion picture outfit to provide music for skating. It contributed a great deal to increased enjoyment of that pastime, as was evidenced by the number of patients and staff who took advantage of the excellent facilities for skating and curling. It was found that when moving picture programs were provided on Saturday afternoons, more patients evidenced a desire to attend, so all our programs are shown now at that time. New radios have been installed in all our wards, doing away with the old radio with the system of loud speakers in each ward controlled from the one receiving set.

An Insulin Unit was established in September 1939, with Dr. H.G. Moorhouse in charge. The results obtained by this form of therapy have been on the whole quite satisfactory and we have continued to use Metrazol as well.

The work of our Mental Health Clinic has increased quite noticeably and it is with difficulty that they are able to look after all the work which is referred to them. At Cornwall particularly, our Clinic has been able to extend its usefulness.

STAFF, ADMINISTRATION AND BUILDINGS:

Dr. M. G. Rendall was transferred to the Ontario Hospital, Toronto in December, 1939, being succeeded by Dr. Florence L. Nichols.

Miss Kathryn Rapsey, Occupational Therapist, resigned in February, 1940 to be married.

Dr. R.P. Markle, D.D.S., resigned shortly after the outbreak of war to accept a Commission in the Canadian Army Dental Corp. He was succeeded by Dr. W. T. Joynt.

No new buildings or extensive alterations have materialized during the past year, but considerable has been accomplished in our program of general maintenance repairs and renovations. The balconies on the wards for both male and female patients in the Main Buildings have been repaired and are now quite presentable in appearance.

Unfortunately, a fire occurred at the hospital farm in the early autumn, destroying a repair shop and brooder house with all contents, including the farm tractor.

A fire escape which was suggested in the last annual report has been constructed at the Farm Cottage.

Hardwood flooring has been provided to replace floors in Cottages V and VI and Ward 11. The laying of these floors will be carried out by our own staff.

ONTARIO HOSPITAL, COBOURG

DR. G. C. KIDD, Superintendent.

CARE AND TREATMENT OF PATIENTS:

During the year 68 patients were admitted, 142 were placed on probation; of these 83 were returned to the hospital. Seven patients died and 75 were discharged. Thirty-five were placed in Lorimer Lodge and Oxley House and 6 of these were returned.

Our annual Sports Day was held September 15th. A number of books were added to our library, and many of our girls are showing an interest in reading.

Our Girls' Softball Team had a very successful season and we are very much indebted to Mr. Ed. Campbell for coaching the girls and arranging games for them with teams in the surrounding district.

STAFF, ADMINISTRATION AND BUILDINGS:

Very little new work was done but general repairs about the hospital were carried out by the members of our Maintenance Staff.

New 12½ ton weigh scales were installed. The roof of the Main Building was repaired by contract with new slates and a new ridge wall. Repairs were made to the eavestrough and down pipes of the main building, by contract. The old billiard room was turned into a store room for old reports. This necessitated the screening of these windows and installation of shelves.

Mr. Harry Haynes, shift engineer, enlisted in the Canadian Navy and was replaced by Mr. Jos. Bulger, fireman, who resigned a few months later tò accept another position, and was replaced by Mr. Henry Gorman, shift engineer.

The annual meeting of District No. 6, Ontario Medical Association was held at this hospital on September 8th, 1939.

ONTARIO HOSPITAL, FORT WILLIAM

DR. J. N. SENN, Superintendent

CARE AND TREATMENT OF PATIENTS:

All members of staff regardless of classification are given instruction in care of patients immediately on commencing duty. All staff engaged outside take patients with them for therapeutic purposes. This has been found to be of distinct advantage in the morale of the staff who have constantly before them the purpose of the institution and of their own responsibilities in the set-up. New members of ward staff are particularly trained in care of bed and ambulatory cases. The smallness of the staff allows this to be almost an individual training and thereby improves general care of the patient. Patients are occupied therapeutically in the various industries of the hospital and the smallness of the patient body makes individual occupational study possible. Probationary care of patients in this hospital is extremely difficult owing to the fact that our district is so large and the vast majority of our patients are single men with very little permanence of residence. All cases from other hospitals referred to us have been followed up to the best of our ability.

A very friendly attitude to the hospital continues in the district. The relationship between the hospital and the various service agencies in the district is close and the amount of work is steadily increasing. The magistrates are also using the services of the hospital in increasing amounts for examination and recommendation of persons charged with various offences. The physicians in the district are being served in a consulting capacity on request of the family physician. The outpatient branch of the hospital is steadily on the increase and is showing results for the labour expended.

STAFF, ADMINISTRATION AND BUILDINGS:

A complete new roof on the first two elevations of the roof of the main building was applied by the Department of Public Works. This roof has served its purpose well and is very satisfactory.

With our labour the foundation of the barn destroyed by fire was completely covered in to allow better feeding of beef cattle, enabling us to feed and slaughter two carloads of beef for use in the eastern hospitals.

Repairs of a major nature were necessary during the year on the water pump serving the institution and minor repairs were carried out throughout the various buildings.

Dr. C. H. Wilson was transferred to the Ontario Hospital, London on February 1st, 1940.

ONTARIO HOSPITAL, HAMILTON

DR. J. S. STEWART, Superintendent

CARE AND TREATMENT OF PATIENTS:

Metrazol treatment continues to be used in the treatment of patients with results comparing satisfactorily with those obtained elsewhere. Ninety-nine patients have been treated, during the year. Forty-three full remissions were obtained, thirty-three social remissions, eighteen cases were classified as hospital improvements and eight cases showed no improvement.

The number of boarding-out patients remains at about the same level. Patients go home or obtain employment from Boarding-Out Homes and the vacancies created are filled with other suitable patients from the hospital population.

Owing to the utilization of Boarding-Out Homes and the freedom with which improved patients are discharged to the care of relatives, it is becoming increasingly difficult to find sufficient suitable patients for placement in our open wards. It may be necessary, in the near future, to treat these as closed wards and allow ground privileges to select patients only, rather than to the occupants of these wards, as a whole, as we now do.

Library facilities have been greatly improved by the purchasing of new books and magazines, by the Canteen Board. The Board has also undertaken the expense of flood-lighting the tennis courts and bowling greens and of supplying suitable games on the wards. Additional wards have also been equipped with radios, by the Canteen Board.

STAFF, ADMINISTRATION AND BUILDINGS:

During the latter part of the year a great many changes have occurred in the general staff owing to enlistments for War Service. Twenty members of the staff, including medical officers have enlisted. Six of these are now on Active Service Overseas. At the close of the year, Dr. J. H. Kreiner, Assistant Suprintendent, Dr. H. D. Mitchell, Clinical Director, and Dr. D. B. Westcott, Junior Physician, all left on the same date for Military Service. Other staff changes have been as follows: Dr. Burns reported for duty on May 1, 1939. Dr. McIntyre was transferred to the Ontario Hospital, St. Thomas, in June 1939. Dr. Walker reported for duty as graduate Medical Interne in August 1939. Drs. Mitchell, Westcott and Billings reported for duty when the Ontario Hospital, St. Thomas, was taken over for Military purposes. Dr. Brillinger, as usual, has lectured in Psychiatry to the senior classes of Nurses-in-Training at Brantford, Hamilton and St. Catharines General Hospitals and at St. Joseph's Hospital, Hamilton.

No new buildings have been erected during the year. Improvements have been made in some buildings. The plumbing system in the Nurses' Residence has been renovated. A room has been provided in the basement of the Nurses' Home with facilities for a laundry and ironing room for the nurses' personal use.

On the farm a very fine herd is being built up and the farm profits for the year have been gratifying indeed.

In conclusion, I should like to express my appreciation to the staff, in general, for their willing readiness and ability in meeting emergencies and for their loyalty to the interests of the institution.

ONTARIO HOSPITAL, KINGSTON

DR. E. A. CLARK, Superintendent

CARE AND TREATMENT OF PATIENTS:

Exclusive of transfers, the number of admissions has shown a slight decrease over the past year, and the average daily population is also less. By far the majority of admissions continue to be on a voluntary basis or by arrangement with the family physician.

The plan for tuberculosis control affecting the staff and patients, and as instituted early in 1937, continues to demonstrate its value. The routine practice of chest examination by x-ray immediately on admission, followed by the prompt isolation of those cases showing suspicious lesions has resulted in the almost complete disappearance of the disease among staff, and among the general, non-segregated patient population. The addition to the staff of a full time, well-qualified x-ray technician has been of distinct assistance in the carrying on of this examination.

An active programme of immunization is proceeding, and shortly the entire hospital population will be protected against typhoid, diphtheria and small-pox. All subsequent admissions will be immunized routinely.

STAFF, ADMINISTRATION AND BUILDINGS:

Dr. C. H. McCuaig, formerly at the Toronto Psychiatric Hospital, was transferred to Kingston as Clinical Director, in September 1939.

Dr. A.M. Doyle, Director of the Mental Health Clinic, was granted a Fellowship under the Rockefeller Foundation, and has been granted a year's leave of absence for study in Boston, Mass. Dr. H. D. Wilson rejoined the staff after a year's work at the Toronto Psychiatric Hospital.

Dr. A. Bochner was appointed as physician.

Miss K. Carscallen, Social Service Workers, and Miss K. Black resigned during the year, the latter being replaced by Miss Ella C. Smith.
Mr. E. Cledgett was superannuated during the year due to ill-health.

The majority of the staff transferred to St. Thomas returned when that hospital was taken over as an Air Training Centre. Twenty members of the staff have enlisted with the C.A.S.F.

The construction of a fireproof exit from the recreation hall, extensive repairs to the sewage disposal plant, further alterations in the heating system, and the installation of new windows, all at the Rockwood Division, were the main items of building during the year. Continued improvement in the lighting system has made it unnecessary to operate the auxiliary power plant during periods of maximum power consumption. General repairs, painting and minor alterations and renovations have been carried on by the hospital maintenance staff.

ONTARIO HOSPITAL, LANGSTAFF

CARE AND TREATMENT OF PATIENTS:

The buildings which form the nucleus of the Ontario Hospital, Langstaff, were formally taken over by the Provincial Government, Department of Health, on October 21st, 1939. During the month of October, 1939, 208 patients were admitted. During November, 1939, 26 patients were admitted. During December 1939, 128 patients were admitted. Of the patients admitted the great majority have functioned comparatively well as work-patients. The daily average population for the six months, ending March 31st, 1940, was 310.

STAFF, ADMINISTRATION AND BUILDINGS:

The hospital farm consists of approximately 790 acres, of which forty were given over to the production of fruits and vegetables, 690 to the production of grains and grasses, 10 to buildings, building grounds and ornamental purposes and 50 to bush and uncultivated land. The C.N.R. runs for about a mile across the western end of the farm and unfortunately is in close proximity to the hospital buildings proper.

The two hospital buildings used to domicle patients are classified as Cottage A and Cottage B. The former is the Administrative Building and consists of three parts: 1. The basement, in which are the following rooms, the laundry and shoe repairing departments, the dental office, the boiler room with two boilers. 2. Cottage A has a general office, two offices for the use of physicians, a large recreational room used for church services, picture shows, the playing of games, reading, etc., a ward which accommodated 52 patients and two sunrooms, one at the north end and the other at the south end of the building. Cottage A has two wards of 48 and 52 beds each, a store room for patients' clothing, a general office for the ward supervisor, a utility room, a side room used to serve staff meals, a bath room for the staff, 4 single side rooms and 2 sun rooms.

Cottage B likewise consists of three parts: The basement including the occupational therapy room, a boiler room, a room used for the manufacture of cement blocks of which about 3500 have already been turned out, a dispensary and a large room where work parties change their clothing. Cottage B consists of 42 rooms which were formerly used to house prisoners. Each room has two beds, one wash basin and one toilet. There is also one supervisor's office and one store room for patients' clothing. There are three dormitories with 28, 48 and 48 beds respectively, one recreation or sitting room, a store room, and a supervisor's office.

A third double L shaped building consists of a kitchen and to the south end of the kitchen proper a servery where meals are served to twenty members of the kitchen patient staff. The patients' dining hall, with a seating capacity for 180, a staff dining room with a seating capacity of 30, a store room and offices for the steward, a store-keeper and bookkeeper. The basement under these four rooms has a large boiler room, a pasteurizing plant, a large vegetable room, a room to prepare vegetables and two store-rooms for store-keeper's supplies.

Besides these three larger buildings there are (1) the carpenter and paint shop, (2) a garage to store the government car, oil supplies, etc., (3) an open garage which takes care of 6 automobiles, (4) a coal yard enclosed on three sides by cement block walls. (5) a large dairy barn capable of stabling 90 head of cattle with lofts for feed and fodder, (6) a horse barn with sufficient capacity to stable 34 horses, (7) a large implement shed for storing farm machinery, tractors, trucks and enclosing a blacksmith shop. (8) one pumphouse and one water tower, (9) one old frame barn with a storage capacity for approximately 50 tons of hay, (10) an incinerator, (11) two piggeries, capable of housing 250 pigs, one of which has a loft for feed and grain. (12) three root-houses, (13) a hen house, capacity 300, (14) one old brick house used for storing vegetables, with a furnace in its basement which heats a greenhouse. (16) a slaughter house 16' x 18', (17) one sewage disposal plant, (18) an attendant's home, consisting of a basement with 4 rooms and the remainder of the house with 11 bed rooms, a kitchen, a sitting room and two toilets, (19) a farmer's dwelling (20) an engineer's dwelling.

ONTARIO HOSPITAL, LONDON

DR. G. H. STEVENSON, Superintendent

CARE AND TREATMENT OF PATIENTS:

The year ending March 31, 1940, although an extremely difficult year in some respects, has produced the highest discharge rate in the history of the hospital. With total admissions 460, total discharges 370, the discharge rate is 80·4%. To the excellent efforts of the entire staff must go the credit, aided by the willingness of most of the counties in our district to care for a number of mild unrecovered cases in their county homes. Probably the increased use and effectiveness of pharmacological shock treatment, in the form of Metrazol, has also increased the number of patients discharged.

Our overcrowding was materially relieved in the spring of 1939 by the transfer of 250 patients to the new Ontario Hospital at St. Thomas. Our relief was short lived, however, as with the outbreak of the second world war, we were requested to receive about 200 of this group as re-transfers from St. Thomas. In the interval we were able, however, to make certain much needed improvements and re-arrangements. We were able to install dining rooms on ward 11 and 12 in the main building to the great improvement in our food service. We also opened a second special observation section on ward 13. With the return of 200 patients from St. Thomas we felt every effort should be made to conserve these gains, so we decided to utilize the male staff dormitory building and the large occupational therapy studio for 28 and 32 beds respectively and also put 15 extra beds in the farm cottage, using this cottage only for dormitory purposes. This added accommodation has proved to be admirable. Fire escapes have been built for each of these new sections. The transfer of practically all our tuberculosis observation patients to the Ontario Hospital, Woodstock, and the transfer of a small group to Langstaff have also enabled us to maintain freedom from excessive overcrowding.

Our diagnostic and treatment facilities have been utilized to full advantage throughout the year.

Our Metrazol clinic continues to produce excellent results, in selected cases, some of the recoveries having been dramatically spectacular.

The Mental Health Clinic, under the supervision of Dr. G. E. Hobbs, continues its consultant and preventive service in our district with excellent success.

STAFF, ADMINISTRATION AND BUILDINGS:

Dr. G. H. Lugsdin and Dr. H. B. Carscallen were transferred to the Toronto Psychiatric Hospital in August 1939 to take the post-graduate course. Dr. K. M. McGregor was transferred to the Ontario Hospital, St. Thomas, on May 1, 1939 and re-transferred to our staff on October 23, 1939 and further transferred to the Ontario Hospital, New Toronto, on February 1, 1940. Dr.

F.A. Griffiths was appointed as medical interne on July 2, 1939. Dr. L. J. Loftus resigned December 31, 1939 to enter private practice. Dr. C. H. Wilson was transferred to our staff from the Ontario Hospital, Fort William, on March 1, 1940. Dr. L.S. Penrose, formerly of the Eastern Counties Institute, England, was appointed on September 1, 1939. Dr. A. E. McKercher was transferred from the Ontario Hospital, New Toronto, on February 1, 1940 but was granted leave of absence for military service on March 4, 1940. Dr. J.J. O'Connell was granted leave of absence for military service on April 4, 1940.

We are proud of the fact that at the end of the fiscal year 20 of our male staff have volunteered for military service. A continuous program of painting and minor repairs has been in effect throughout the year. Drinking fountains were installed in all wards not having such equipment. The room used as an officers' dining room for many years was converted into a stenographers' office. A dining room for officers has been provided adjoining the main staff dining room. The former stenographers' office is now being utilized for other office purposes.

The kitchen at the North Building was closed during the year, all food now being prepared in the main kitchen with the exception of the Examination Building.

Further progress was made in the improvement and beautification of grounds immediately to the rear of the Main Building.

ONTARIO HOSPITAL, NEW TORONTO

DR. T. D. CUMBERLAND, Superintendent

CARE AND TREATMENT OF PATIENTS:

The Tuberculosis patients were moved to the Ontario Hospital, Woodstock, and this transfer has provided this hospital with excellent infirmary accommodation and greatly improved facilities for looking after bed-ridden patients. The male admission ward has been moved and better accommodation is provided. Continuous baths are required in order to give more hydrotherapeutic treatment. The number of patients employed outside has been greatly increased which is a great benefit to the patients. Insulin and Metrazol treatment has proven very satisfactory and encouraging with properly selected cases.

STAFF, ADMINISTRATION AND BUILDINGS:

There have been a number of changes in the staff during the year. Most of the medical staff enlisted in the Army and a very large percentage of the attendant staff enlisted. The replacements in the attendant staff have been by men over military age and unfit for serivce. The vast majority of them are ex-soldiers. I am pleased to state that they are giving excellent service during the present crisis.

The hospital has been kept in good state of repair during the year. The grounds have been very much improved by extension of lawns, larger number of flower beds and planting of trees.

ONTARIO HOSPITAL, ORILLIA

DR. S. J. W. HORNE, Superintendent

CARE AND TREATMENT OF PATIENTS:

Our care and treatment programme for the year 1939-40 was marked by changes made necessary as a result of the declaration of war. However, our programme for care and training of our patients was maintained on the same principles and policies.

Our accommodation was further taxed by the transfers of patients from the Ontario Hospital at Woodstock. The average daily population in residence in 1939 was 1941. This was increased to 1963 for 1940. Total admissions for the year were 269; and there were 259 discharges.

STAFF, ADMINISTRATION AND BUILDINGS:

The academic and occupational schools were operated on the same basis as formerly, with the exception that both programmes had to be modified to take care of the increased number of lower grade children admitted.

The special work in nutrition begun by the medical staff and dietitian in 1939 was continued with rather interesting results.

There were few staff changes, Dr. John Corbett, dentist, being transferred to the Ontario Hospital, Hamilton.

It was necessary for us to make several changes in our programme for patients' occupation due to the increased number of low grade patients, and the fact that the larger percentage of high grade patients who were admitted were of such tender years that they could not be entered into any occupational set-up. We were, however, able to train a small number of girls for Colony House placement.

At this time I would like to extend my thanks and appreciation to all members of staff for their loyal support and co-operation during the year. Without this it would have been impossible to make as much progress as we have.

I would also like to extend my appreciation to all members of the Department of Health for their kind assistance during the year.

ONTARIO HOSPITAL, PENETANGUISHENE

DR. C. A. McCLENAHAN, Superintendent.

CARE AND TREATMENT OF PATIENTS:

Our population was lessened due to the transfer of active tuberculous patients to Woodstock. The work of the dental clinic proceeded satisfactorily during the year. Two new radios were purchased for patients in the old building, and a new extension put in the Assembly Hall. One hundred volumes were added to our library.

A new x-ray machine safe guarded with lead screens, gloves, etc., was purchased and has been located along with our labortory, in one of the old store rooms. The old x-ray machine is located at the new building for the present, and it is hoped to gradually complete a dental x-ray survey of criminally insane patients.

STAFF, ADMINISTRATION AND BUILDINGS:

Construction of two hydrant cabins for lower road to house 500 feet of hose, already connected for immediate use.

Waste land along the front of the hospital was reforested with the planting of 2,500 trees. This programme is being continued each year.

About two acres of new land was broken, and cleaned in the fall.

Our herd is now increased to 40, which fills the stable accommodation. Our poultry production has been satisfactory. One thousand chicks were purchased from Hamilton, which gave us enough pullets to increase our flock of hens to 450.

Staff changes have been few during the year. Mr. Hugh Baker of the Central Office was promoted to the position as steward. Dr. J. Scheinert was appointed as medical interne August 1st., and Dr. H.S. Burns was transferred to the Ontario Hospital, Hamilton. After fifteen years' service, supervisor Miss M. Livingstone, resigned.

A class composed of our own nurses and the undergraduates of St. Andrew's Hospital, Midland, were given a course of lectures on psychiatry during the winter season.

ONTARIO HOSPITAL, ST. THOMAS

DR. W. B. SMITH, Superintendent.

CARE AND TREATMENT OF PATIENTS:

On or about April 1st, 1939, a group of buildings in the projected Ontario Hospital, St. Thomas, consisting of the three male and three female pavilions, the male and female infirmaries, the kitchen and dining room group and the power house, were, by Order-in-Council, designated as the Ontario Hospital, St. Thomas.

Since March 15th, 1939, a skeleton staff of experienced attendants had been busily engaged setting up beds, installing furniture and generally cleaning the completed buildings in preparaiton for the reception of patients. The buildings were new and beautifully appointed, with very large, airy, well ventilated and magnificently lighted wards and dormitories. The furnishings were of the most modern type and the color schemes adopted were very attractive, so that enthusiasm ran very high among all members of the staff.

The first group of patients were received from the Ontario Hospital, London, on April 11th, 1939, and each succeeding week saw additional groups transferred from every hospital centre in Ontario, except Fort William, Cobourg and Penetanguishene, so that on July 27th, 1939, there were in residence four hundred and seventy-three (473) female patients and five hundred and eighty-four (584) male patients. By this date an adequate staff of doctors, nurses, and attendants, as well as clerical, kitchen, mechanical, domestic and farm staff and had been welded into an efficient, smoothly operating and enthusiastically co-operative organization, very proud of the marvellous insitution in which they worked and all anxious to do their best for those entrusted to their care.

The architects of the hospital buildings had evidently designed them to afford the maximum of comfort, fresh air, light, space and pleasant environment for the patients in the hope that the absence of overcrowding, along with every modern device for providing pleasant living conditions, would materially assist these patients to recover their normal mental poise.

One cannot commend their efforts in this regard too highly, for while all the patients transferred from other hospital centres had been institutionalized for many months, (the vast majority of them for many years), and were evidently chronically mentally ill, almost without exception did they respond to their environment;

(1) By a much more lively interest in their surroundings
(2) By an increased pride in their dress and personal appearance
(3) By greatly improved habits of eating and general deportment.

Our cafeteria system of feeding our patients, affording as it did, hot meals tastily served and appetizing, and self selected by almost every patient who was physically well enough to walk to the dining hall, contributed a great deal to the last noted response to environment. To see a line of five hundred mental patients pass through our cafeteria and select their dishes, eating utensils and food, and then find their places in an orderly fashion in our immense dining halls, just as do normal individuals in any large cafeteria, was a most inspiring sight.

Church and chapel services were conducted by the Protestant and Roman Catholic Clergy every Sunday morning in one or more of our dining halls. These services were much enjoyed by our patients and, selecting at random Sunday, July 16th., there were one hundred and seventy nine (179) present at the Protestant Service and one hundred and ten (110) present at the Roman Catholic Service.

Sing Songs were frequently held for our patients.

Mention should be made of our farm operations. The farm consisted of approximately three hundred and fifty (350) acres of arable land, and was under the direction, in an advisory capacity, of Mr. F. S. Thomas, B.S.A., assisted by Mr. Dennis as acting farmer. The fall wheat crop of around one hundred and sixty (160) acres in one block, attracted wide spread attention and yielded over six thousand, five hundred (6,500) bushels of the finest wheat.

Other field crops were about the average and the vegetable gardens were absolutely weedless and yielded heavily. We grew nearly two thousand, five hundred (2,500) bushels of potatoes, three hundred and fifty (350) bushels of white beans, besides large quantities of chard, lettuce, carrots, beets, cabbages, tomatoes, parsnips, etc.

From a therapeutic standpoint the farm work was very valuable, many of our patients displaying the most lively interest in the farm activties which gave them a vocational outlet of very great importance to them in their effort to make a normal mental adjustment.

The clean up and landscaping projetcs which were carried on all through the summer afforded occupational therapy for scores of our patients and while this work was not as interesting as that offered by farm employment, it was very valuable.

A baseball diamond was laid out early in the season and softball games were the order of the day throughout the summer. Our patients participated most enthusiastically and those on the sidelines, both male and female, were likewise much interested. A tennis court also served a useful purpose, providing outdoor exercises for resident staff.

Miss Anna Brethen, Occupational Therapist, came on the staff on August 1st, 1939, and organized classes, especially among our female patient population. Her work was of immense value in supplying vocational therapy for many not otherwise interestingly employed.

A medical staff were untiring in their efforts and, going about the wards, seized every opportunity to use psychotherapy in their treatment program, as well as rendering adequate treatment for physical ills.

Our dental department was organized and was soon working smoothly under the direction of a full time dentist, Dr. D. H. Dow.

An anti-paretic clinic functioned normally under the direction of Dr. E. S. Goddard.

While in operation as a hospital, there were seven deaths among our patients, several were sent out on probation and, having in mind the progress made under the aforesaid favourable environment, there were many other patients who were being given favourable consideration for a trial on probation in the near future.

Literally thousands of visitors from all parts of Canada, the United States, and from other countries were conducted through the buildings in large and small groups, and without exception they were delighted with what they saw.

On June 28th, 1939, the hospital was honored by a visit from nearly all the superintendents of the other Mental Hospitals in the Province. They expressed themselves as being greatly pleased with the set up.

The kitchen equipment especially came in for much very favourable comment from all our visitors, as indeed did the whole hospital lay out.

In an intense and commendable desire to cooperate with the Federal Department of National Defence in every possible way during the International crisis, the Ontario Government offered the use of the hospital group of buildings as a training centre for the Royal Canadian Air Force and on Oct., 14th, 1939, we were asked to have all our patients transferred to other hospitals by October 21st, 1939.

During this week, by dint of hard work on the part of all our staff, our one thousand patients, with their files completed and up todate, and with their personal belongings, were transferred to other hospital centres in almost every part of the province, without any untoward incident whatsoever.

During this same week hundreds of beds, mattresses, and many other articles were assembled and sent forward to other hospitals, and we cannot speak too highly of the wonderful effort put forth by all members of staff, who seemed to be enthused with the fact that in this patriotic effort they were in a sense "doing their bit" for King and Country.

Thus was written "Finis" for the time being at least, to the strictly hospital work of the Ontario Hospital, St. Thomas.

STAFF, ADMINISTRATION AND BUILDINGS:

Senior and junior conferences of the medical staff were held as frequently as occasion demanded and instruction was planned for attendants and nurses.

An effort was made to make satisfactory contact with local public bodies in order to enlist their sympathetic understanding and interest in our hospital problems. Public addresses having to do with mental illnesses, their nature, cause and treatment, were delivered before important and influential groups of local citizens by the Superintendent and by the Assisstant Superintendent, Dr. S. R. P. Montgomery.

One must acknowledge with sincere gratitude the gift of an upright piano made by St. Thomas Kiwanis Club for use in our Protestant Church services and in our general sing songs. The gift of a number of Bibles for use on the wards by the Gideons and gifts of numerous books, magazines and papers, made by private individuals and by the St. Thomas Times-Journal must be acknowledged with thanks. We were likewise indebted to not only the Clergy, but also to many musicians and soloists who lent their aid in music and song for our patient entertainment. We cannot speak too highly of the friendly interest displayed by the people of the locality in general.

Dr. Montgomery was engaged in giving a series of lectures on Psychiatry before the members of the Ministerial Association of St. Thomas, and to the nursing staff of the St. Thomas Memorial Hospital. He was transferred to the Ontario Hospital, New Toronto, on October 25th, 1939.

In anticipation of opening our active treatment units for the reception of new patients, Dr. H. D. Mitchell, Senior Assistant Physician of the Ontario Hospital, New Toronto, was added to our staff as Clinical Director late in August, and during his short stay he proved very helpful. He was transferred to the Ontario Hospital, Hamilton, on October 23rd, 1939.

Of the junior members of the medical staff, Dr. A. J. McIntyre, who had been most faithful and untiring in his efforts, was selected to organize and superintend the opening of the new hospital at Langstaff, and was transferred thereto on October 18th, 1939. Dr. E. S. Goddard and Dr. R. M. Billings was transferred to the Ontario Hospital, Whitby and Dr. K. M. McGregor reported to the Ontario Hospital, London.

The business office was under the capable management of our steward, Mr. W. A. McIntyre, who deserves special mention for his zealous and unremitting efforts in looking after the vast amount of detail involved in furnishing a new hospital as well as handling the routine business involved in regular hospital work. Mr. McIntyre is being transferred to the Ontario Hospital, Whitby as Steward.

The maintenance staff, including our most efficient chief engineer, Mr. James McLachlan, were retained by the Public Works Department and left in charge of maintenance while the hospital buildings were in use by the Royal Canadian Air Force under the Department of National Defence.

Mrs. Florence Martin, as dietitian, was a thoroughgoing and painstaking official, who not only efficiently organized the operation of our kitchen and diet kitchens, but likewise did much to create an atmosphere of homeness in the nursing staff quarters, and gave direction to the necessary social funcions for our personnel. Mrs. Martin was transferred to the Ontario Hospital, Woodstock.

Our chef, Mr. F. Winrow, who is a master of his profession, and a number of his staff, enlisted and proceeded to operate the highly mechanized kitchen for the Royal Canadian Air Force.

Many new members, without previous mental hospital experience, were added to our nursing and attendant staff, practically all of whom were giving excellent service and were, on the closing of the hospital, transferred if they so desired, along with the experienced nurses and attendants, to similar work in other mental hospitals throughout the province.

Mention should be made of the valuable services rendered by Miss Esther Rothery, registered nurse, Supervisor of Nursing of the Provincial Hospitals, whose services were made available to us by the courtesy of the Department for several months, during which time she gave assistance to Miss Hilda Bennett, our Superintendent of Nurses, in selecting the personnel of and organizing our staff of nurses.

Mr. W. O. Collins, registered nurse, and Mr. William Irvine, as chief supervisor, and Assistant Chief Supervisor, respectively, performed similar tasks in the organization and direction of our attendant staff. Mr. Collins has joined the personnel of the Ontario Hospital, Hamilton, while Mr. Irvine was made chief supervisor at the Ontario Hospital, Langstaff.

Miss Lillian Bates, head of the stenographic staff and secretary to the Superintendent, rendered indispensable assistance, and recognizing her capabilities she was asked to accept a position in the departmental offices when the hospital closed.

The building program continued all through the season, and the garage and laundry buildings were completed. The nurses' home, administration block, active treatment units and hospital and diagnostic units are, at the time of this report, nearly completed.

The type of construction adopted is such that in those buildings that were in active operation and constant use, there was absolutely no deterioration and repair costs would be almost negligible. One can readily visualize the long time economy that such construction ensures.

ONTARIO HOSPITAL, TORONTO

DR. J. R. HOWITT, Superintendent.

CARE AND TREATMENT OF PATIENTS:

During the past year, a special department for the treatment of patients suffering from neurosyphilis, with artificial fever therapy, has been instituted under the direction of Dr. W. H. Avery, Medical Adviser to the Department of Health, and Dr. Bromley and Dr. Wilson. A large number of cases have now been treated. A number of fever cabinets have been constructed in the hospital which have been found to be very satisfactory.

During the past year, a new standard diet has been worked out in the hospital, which is proving very satisfactory. This diet is based on the minimum requirements from a dietetic point of view, including the necessary vitamins, etc.

STAFF, ADMINISTRATION AND BUILDINGS:

During the past year, Dr. F. L. Nichols was transferred to the Ontario Hospital, Brockville, and Dr. H. Frank to the Ontario Hospital, Hamilton. Dr. Gerald Wilson was transferred to this institution from the Ontario Reformatory, Guelph, and Dr. M. G. Rendall from the Ontario Hospital, Brockville.

ONTARIO HOSPITAL, WHITBY

DR. D. R. FLETCHER, Superintendent.

CARE AND TREATMENT OF PATIENTS:

If, as I have always contended, the principal function of the hospital is the restoring of the sick to health, then we may lay claim to having achieved during the past year a moderate degree of success. We have tried to perfect for some years past a method of treatment of patients, which might, to distinguish it from the "total push" method used by our brethren to the South, be called the "total pull" method. This consists particularly in having every member of the staff feel that he, or she, is an integral factor in the treatment of patients, so that the atmosphere of the hospital will be one of hope and confident expectation that the patient, who comes to us, will be benefitted by his stay here, so that we will have no chronic wards and that every member of the staff will feel that every patient has a chance, and that this confidence will be gradually transmitted to the patients themselves with remarkable results. This also increases the possibility of the patient being discharged at the optimal time to secure the best results, as it is our contention that more errors in treatment have been made in the past in keeping patients too long than have been made in discharging them too soon. At any rate it will be noted that last year we discharged 490 patients, while we admitted 546 patients, exclusive of transfers, a rate of discharges to admissions of nearly 90%. It might be more fair to make this ratio in relation to the admission figures for last year, which were 629, which still would be over 77%.

In comparing the five years from 1935 to 1940 with the five years previous, we note that we have increased our average annual number of discharges from 250 to 402. During the same period, the expected increase in the number of deaths, consequent to the fact that the large group of patients who were transferred to this hospital, in 1920, are now here twenty years, has not materialized. To counter-balance this to some extent, I notice that our re-admissions during the last five year period increased somewhat in relation to the total admissions, being 24% as against 20% in the previous five year period. During this period we admitted a considerable number of second admissions, who have previously been in other

Ontario Hospitals, due to the intense overcrowding in the Toronto hospitals during the past three years, but whether this affected the statistics or not, I am not prepared to say.

Our group therapy has been continued with a musical program, and weekly talks given by the superintendent to a group of as many as three hundred patients. Supplementary group talks by the various physicians, and supervisors in their own wards have been encouraging throughout.

We have actively undertaken the investigation of the use of Metrazol as an addition to our therapy in mental cases, and have given upwards of 4,000 treatments. Dr. T. Allan Sweet, a senior member of our staff has devoted his whole time to this work latterly, and some three hundred and twenty patients have received the benefit of very active psychotherapeutic regime with Metrazol. Some of our Metrazol treated patients have been out well over a year without return of symptoms, and we are of the opinion that in some cases at least, it shortens the hospital stay of the patients.

Our Mental Health Clinic has continued to give lectures to nurses, home and school groups, and others, along mental health lines. Our Mental Health Clinic have a very big task on their hands. We have at the present time, as noted, 177 patients on probation, and 93 on boarding out care. We try to keep our boarding out group one of the most active treatment groups in the hospital, and a stepping stone to better things for a great many of our patients. Generally speaking, before a change is made, we bring the patients back into hospital for a physical and mental check-up in conference so that we consider our boarding out group just like another ward group at the hospital. When one tries to shorten the hospital days' stay, it is inevitable that patients sometimes are allowed out on probation who may require considerable direction, and our Mental Health Clinic have been very active in this follow-up work, and have a large part in the success that we achieve.

STAFF, ADMINISTRATION AND BUILDINGS:

During the past year we have installed two new stokers and economizer in Nos. 1 and 2 boilers. These are giving excellent satisfaction, and our engineer reports that already during the past season we have saved 868 tons on account of it.

Owing to new health regulations we have overhauled our pasteurizing plant completely, and this is now ready for use.

Messrs Henry Price, Samuel J. Murray, David Thomas, Harold Rowley, Samual McGahey, Wm. T. McCarthy, John Ferguson, Howard McGill, David C. Platt, Harold W. Mace, Wm. H. Sparks, Earl J. Hann and Samuel Collington are on leave of absence from the the hospital, having joined His Majesty's Forces.

Tom Rea, who left our staff some time ago, is now serving with the Royal Engineers.

Dr. Marvin Wellman returned from his post graduate course at the Toronto Psychiatric Hospital.

Dr. W. H. Cruickshank and Dr. Viola Vail left us to take their post graduate work.

Dr. D.B. Westcott and Dr. R.M. Billings were here for a short period, and were transferred to the Ontario Hospital, Hamilton.

Dr. George E. Jenkins was added to our staff in August 1939.

Mr. W.A. McIntyre was transferred to our staff from the Ontario Hospital, St. Thomas, as steward in December 1939.

Mr. Fred A. Nixon, electrician, an employee of this hospital since February 1st, 1923, died suddenly November 15, 1939.

Mr. James Savage, who has been with the Department since 1913, was superannuated on January 31st, 1940, owing to ill health.

The training of hospital personnel has proceeded along our usual lines. Every person who joins our staff, in whatever capacity, is instructed as to his or her duties toward the patients, and his part in our hospital program. A special course is given to the attendants. Our training school has functioned actively. We have at the present time fifty-five nurses in training, twenty-seven of whom are taking affiliate course in various general hospitals. We have had one student from the University of Toronto taking a short affiliate course.

Our supper meetings of senior members of the staff have been continued with addresses by the superintendent and other senior staff members.

The cannery has continued to be one of our major vocational outlets, both for men and women under the enthusiastic leadership of our chef, Mr. Harden, and with efficient direction from our nurses, occupational therapists and attendants. We have enlarged our activities and manufactured a large quantity of pickles, saurekraut, pickled pork, and experimented with the canning of poultry, and meats so that we have been able to add much to the variety of our diets without increasing the cost.

In conclusion I would like to mention the loyalty and devotion to duty of every member of the staff, who have been carrying on under some difficulties due to the war, and are prepared to make even more sacrifices. I am particularly grateful for their co-operation during my illness, and would like especially to mention the assistant superintendent, Major W.A. Cardwell, O.B.E., M.D., who carried on so efficiently during my absence.

The co-operation of the press and public of the town of Whitby has continued to be most gratifying.

ONTARIO HOSPITAL, WOODSTOCK

DR. D. O. LYNCH, Superintendent.

CARE AND TREATMENT OF PATIENTS:

In keeping with other years, experimental therapeutic research has been carried on during the past year by Dr. C. H. Pratt.

While Dilantin has been found to have a limited application as a substitute for phenobarbital in the treatment of epilepsy, better results have been obtained with its use in combination with phenobarbital. In general, it may be said that Dilantin-Sodium — the present trade name of this drug— has not fulfilled the early expectations held for it. Because of its rather high toxicity, it should be used with some caution and only under the supervision of a physician. It has, however, low sedative values and is a valuable addition to the physician's armamentarium in the fight against epilepsy.

The possibility of hypoglycaemia or hyperinsulinism being an etiological factor in epilepsy was given renewed attention. The blood sugar levels of a number of our epileptic patients on ordinary diet and also on a very high carbohydrate intake, were studied. No definite relationship was found between low or high blood sugar levels and the incidence of seizures.

On the hypothesis that epilepsy may be due to an imbalance in the electrolytes in cerebral cells through the loss of potassium, an attempt was made to increase this essential and sedative electrolyte by administering potassium chloride per os in a series of ten cases. This chemical has been used recently in the treatment of hay fever and to bring about dehydration of cerebral cells in certain pathological intracranial conditions. Up to grs. XXX q. 4 h. was given over a period of a month but no appreciable change in the frequency of the seizures was noted.

It is to be hoped that with the now almost completed electro-encephalography laboratory, much valuable information will be obtained concerning the function of the cerebral cortex in epilepsy. By this procedure we, also, should have a method to determine the anti-convulsive efficiency of the various drugs and chemical compounds.

With the opening of the new buildings designated for the care of epileptic children, our population showed a rapid increase and whereas at the end of March, 1939, we had 605 patients in residence, this year the total was 1,194. Of these, 619 were domiciled in the adult epileptic division, the remainder in the new unit. Admissions for the year totalled 123, an increase of 30 over 1939. Transfers numbered 686, which included 61 epileptic children from the Ontario Hospital, Orillia, 31 to the epileptic unit and 594 tubercular mentally ill and suspect cases from other Ontario Hospitals. Transfers to other Ontario Hospitals and Orillia amounted to 78. Discharges of which over 95 per cent were from the epileptic division, amounted to 77. Of these 29·8% were in the recoverable group (seizures controlled for a period of one year and upwards.) Forty-eight patients were removed by death. Of these, 24 were epileptics and 24 were tubercular.

Shortly after war was declared, it was decided to return the sixty-one epileptic children to Orillia, the remainder being accommodated in the adult section. Later it was possible to establish a special unit in Ward D for male epileptic children but so far we have not been able to provide similar accommodation for juvenile female patients.

STAFF, ADMINISTRATION AND BUILDINGS:

On July 25th, 1939, the Department of Public Works turned over the new children's unit to the Department of Health and within eight weeks over one hundred and thirty epileptic children were in residence. Equipment for the unit consisted of the following which have been installed, an electro-encephalograph, an x-ray, a portable dental x-ray machine and a complete dental unit.

Various repair items and alterations completed during the year were as follows:

Redecorating the exterior of Dr. Pratt's residence, the garage and the greenhouse. Interior decorating of halls and day rooms of cottage A, walls in recreation hall of T.B. Unit, Dr. Lawson's apartment and new storerooms in Cottages A and B.

Two steam sterilizers (one from St. Thomas and one from New Toronto) were installed in laundry. Necessary alterations to existing partitions were made and machinery isolated from laundry by new tile partitions. All necessary steam, hot and cold water, drainage and electrical connections were made as required.

One new cooler, complete with pump, was installed. The old cooler was disconnected and removed. Pasteurizer disconnected and removed from old base; Tile base removed and pasteurizer set up in new position. The old tile sink and can sterilizer was disconnected and removed. A new can washing and sterilizing double sink was installed and connected complete with hot and cold water connections, waste, etc.

Dr. J. J. Weber was transferred from the Ontario Hospital, New Toronto and appointed senior assistant physician in charge of the Tuberculosis Unit. Dr. O.V. Dent also was transferred from the Ontario Hospital, New Toronto as assistant physician to the Tuberculosis Unit. Dr. F. T. Fralick was transferred from the Ontario Hospital, New Toronto, as physician in charge of the Tuberculosis Clinic. Dr. J. M. Kenyon was appointed assistant physician to the epileptic divison. Dr. D. H. Dow, dentist (full time) was transferred from the Ontario Hospital, St. Thomas, replacing Dr. A. H. Wilson, dentist, who resigned. Miss Hilda Bennett was transferred from the Ontario Hospital, St. Thomas, as superintendent of nurses in the Tuberculosis Division. Mrs. Florence Martin was transferred from the Ontario Hospital, St. Thomas, as dietitian in the Tuberculosis Division. Miss Anna E. Brethen was transferred from the Ontario Hospital, St. Thomas, as occupational therapist in the Tuberculosis Division. Mr. Raymond G. Baker and Mr. Ross McCleary, x-ray technicians, were transferred from the Ontario Hospital, New Toronto. Mr. James Stevely, x-ray technician was appointed to the Tuberculosis Division on March 1st, 1940. Mr. Ross Walker, x-ray technician, was also appointed to the service to operate the electro-encephalograph but he was called for army service within three weeks of his appointment. Mr. John Kane was appointed head cook in the Tuberculosis Division. Mr. Harold Weeks, electrician, was transferred from the Ontario Hospital, Brockville. Miss Jean Atkinson was appointed laboratory technician on December 15th, 1939.

The following staff have enlisted and are now on active service: Thomas J. Harper, Andrew Carson, Thomas Bibby, John MacLeod, William H. Oerton, Ralph Vance, Wilfred Robert Callan, Wilfred Henry H. Howells, Ernest Shaw, John M. LeGrice, Jack C. Marriott, John Hamilton, Thomas Pitt, Morley Goodfellow and Ross Walker.

During the year the following addresses and papers were given by Dr. D.O. Lynch: "Address to the Annual Meeting of the Children's Aid Society—"Treatment of Epilepsy." Address to Women's Institute at Drumbo—"Ontario Hospitals and Treatment of Mental Disorders." Address to the Woodstock Ministerial Association — "An explanation of the Tuberculosis Division of the hospital and what can be accomplished by the clergymen in the way of pastoral visits," etc. Address to the Catholic Youth Organization "The Treatment of Epilepsy." Address to Broadway Home and School Club — "Present Day Methods of Treatment for the Epileptic." Address to Victoria Home and School Club — "The Problem of the Epileptic, Preventative Measures in Handling the Disorders", "Report of 116 Controlled Cases of Epilepsy Discharged as Recovered from the Ontario Hospital, Woodstock" published in the Journal of the Canadian Medical Association, September, 1939. Twelve lectures on psychiatry to the third year nurses at the Woodstock General Hospital were also given by Dr. Lynch. An address was given by Dr. C. H. Pratt on "Sodium Diphenyl Hydantoin (Dilantin) and its Combination with Phenobarbital in the Treatment of Epilepsy — (A Review and Preliminary Report.") Read at the spring meeting of the Ontario Neuro-Psychiatric Association, Whitby, Ontario, on June 16th, 1939. Published in The Jonrnal of Mental Science, September 1939.

ANNUAL REPORT OF ONTARIO HOSPITALS CHEST CLINIC

(FOR THE FISCAL YEAR ENDING MARCH 31st, 1940)

The work of this Clinic in the control of tuberculosis among the patients and staff of the Ontario Hospitals by means of chest x-rays and Tuberculin tests, has continued during the past Fiscal Year according to the plan described in the report for the Fiscal Year ending March 31st., 1938.

The table accompanying this report indicates the volume of work carried out by this Clinic during the Fiscal Year ending March 31st, 1940. During this Fiscal Year owing to the war situation, the T.B. Unit and the Clinic Office were moved in October 1939, from the Ontario Hospital, New Toronto, to the Ontario Hospital, Woodstock, where added facilities were available for taking care of all the known active cases of Pulmonary Tuberculosis in the Ontario Hospitals. In addition, the isolation wards at the Ontario Hospitals at Brockville, Hamilton, London, Toronto, and Woodstock, were cleared out, and the patients transferred to the T.B. Unit at Woodstock for further investigation. In this way, the number of patients in isolation at the various Ontario Hospitals was reduced by approximately 160 patients, and there are now no active cases of tuberculosis at any of the Ontario Hospitals for more than a few days after their discovery. The added facilities and increased number of beds available in the new T.B. Unit at Woodstock, should be of immeasurable value in the control of tuberculosis among the patients and staff at the various Ontario Hospitals, owing to the fact that active cases are no longer kept in any of the Ontario Hospitals for any time beyond that required for transfer arrangements to be completed. In addition to this, one physician, Dr. F. S. Lawson, was added to the staff of the T.B. Unit because of the increased number of patients to be looked after in the new T.B. Unit at Woodstock.

It may be in order to mention that during the past Fiscal Year, 1,173 staff applicants were examined radiologically, and of these 20 or 1.7% were considered unsuitable for employment because of pulmonary tuberculosis, either active or questionably active, and 64 or 5.5% were accepted with reservations because of abnormal chest x-ray markings, possibly but not necessarily tuberculous in nature; these were accepted for temporary staff employment only, and were to have some further investigation, repeat x-rays, etc., within six months of commencing employment. Three thousand five hundred and twenty (3,520) patient admissions to Ontario Hospitals were examined radiologically, and of this number 11 or 0.3% were recommended for transfer to the T.B. Unit because of active pulmonary tuberculosis, and 54 or 1.5% were recommended for isolation and further investigation in their respective hospital because of questionably active disease. In addition, 404 or 11.5% were placed on casual observation because of abnormal chest x-ray markings, possibly but not necessarily tuberculous in nature.

The following Table indicates the status of tuberculous patients in all Ontario Hospitals as it existed near the termination of the Fiscal Year ending March 31st, 1940:—

	Male	Female	Total
Number in T.B. Unit at Ontario Hospital, Woodstock	321	254	575
Number under isolation at the various Ontario Hospitals awaiting transfer to the T.B. Unit.	None	None	None
Number under segregation for further investigation at the various Ontario Hospitals (Tuberculosis of questionable activity).	99	117	216

A word of explanation appears necessary here as there is some conflict between this Table and the large Table attached to this memorandum, in that the column "Number of cases advised for investigation in hospitals. Staff merely repeat X-rays. Patients segregated while investigated," patient total is — 1,554, — this includes not only questionably active cases but those whose x-ray show tuberculous markings, whether definitely arrested, probably arrested, questionably active, or suspect tuberculosis, whereas the short Table above shows only those isolated because of questionably active tuberculosis. The large Table includes all those segregated or under casual observation for chest disease as well as the questionably active cases.

This Clinic undertakes the re-examinations or arranges for the re-examinations of all Ontario Hospital employees during their convalescence following their discharge from sanatoria. The Clinic also performs artificial pneumothorax refills upon those employees discharged from sanatoria where they require these treatments and when it is convenient for them to come to the Unit for treatment. This aspect of the work has been curtailed somewhat since the Clinic Office was moved from New Toronto to Woodstock. There is close co-operation between this Clinic and the Division of Tuberculosis Prevention regarding the after-care of members of staff discharged from Sanatoria.

During the past Fiscal Year Dr. C. A. Wicks has been transferred to the Division of Tuberculosis Prevention, and in addition to his regular work in that division has been acting in an advisory capacity for the work of the Clinic.

The continued assistance and co-operation of the Superintendents and the Staff of the various Ontario Hospitals has been of great help in the completion of this work. Moreover, Dr. G. C. Brink and members of the Chest Consultant Board have continued to take a very active interest in this service, and we herewith express our appreciation of their help.

ANNUAL REPORT OF ONTARIO HOSPITAL SCHOOLS OF NURSING - 1940

VISITED BY

MISS EDITH DICK, Reg.N., Inspector of Nursing Schools.
MISS HILDA BENNETT, Reg. N., Acting Inspector of Nursing Schools

The following is a brief report of the Ontario Hospital Schools of Nursing visited during the year 1940.

Health Programme:

An initial physical examination including laboratory tests is carried out on students within a month of entrance to the school, annually during training, as well as before and after affiliation, and on completion of training. Tests and immunization against communicable diseases are included as part of the health routine. A tuberculin test is done on each student at the beginning of the preliminary term. Positive reactors have chest x-rays immediately on entrance, annually, before and after affiliation, and at completion of training. Tuberculin tests are repeated at least annually on negative reactors.

Enrolment of Students:

The present plan is to admit one class annually. This facilitates the teaching programme in many ways. During 1940, 137 students were admitted to the schools of nursing. Educational certificates presented are generally higher than in former years.

Male Nurses' Course:

Classes were started in Hamilton and Kingston Ontario Hospitals in 1939 - 40. However, due to young men joining up for military service, two students only were admitted for training in the fall class of 1940.

General Hospital Affiliation:

The affiliation of one year with the General Hospital Schools continues to be satisfactorily developed and broadened.

Psychiatric Affiliation:

The affiliate course, which is organized, in Ontario Hospital, London, continues to encourage a satisfactory number of students from six General Hospitals. The three months' post-graduate course, also organized in Ontario Hospital, London, is continuing, and to date there is no lack of applicants.

This course appears to be filling a great need in giving the general hospital graduate an introduction into Psychiatric Nursing and preparing her for a position in the Ontario Hospitals staff.

The Ontario Hospitals are encouraged to send one graduate for a six months post-graduate course at the Psychiatric Hospital. Six graduates may be accommodated at one time.

University Post-Graduate Courses:

The number of graduates attending the one year Hospital Staff Nurses' course, School of Nursing, University of Toronto, has reduced. In 1939-40 only three students completed the course. These nurses all returned to executive positions in the Ontario Hospitals. Two more students entered the fall class of 1940.

ONTARIO HOSPITAL POPULATION STATISTICS
ANNUAL REVIEW - 1940

C. R. MYERS, Ph.D., Acting Medical Statistician.

Following the pattern established for the first time in the last Annual Report, a brief review of rates and trends in Ontario Hospital population statistics is presented in this section, while the detailed tables upon which they are based are presented in the main body of the report.

The method used in collecting and compiling statistical information relating to Ontario Mental Hospitals may be briefly described as follows: Each of the hospitals submits to the central Department of Health (Hospitals Division) a statement each month which shows the movement of patient population during the preceding month and a complete report each year which includes thirty-five standard statistical tables. These sources of information together with the special reports relating to admissions, discharges, probations, transfers, accidents, deaths, laboratory work and dental services provide the data for the Annual Report of the Hospitals Division of the Department of Health.

The Division of Medical Statistics is responsible for the statistical treatment of this information. Regular monthly reports are prepared showing the population changes and accident records for each hospital. An index of all ex-hospital patients whose sex and age make them eligible for military service is maintained for the use of the Department of National Defence. The Division also prepares, revises and distributes statistical report forms, checks the returns received from each hospital and compiles therefrom the statistical information contained in the Annual Report.

In the review which follows an attempt is made to indicate certain trends which are evident in the mental hospital statistics for this province. All calculations are based on data included in the detailed tables to be found in this and previous Annual Reports.

PATIENT POPULATION

TABLE I

TRENDS IN PATIENT POPULATION — ONTARIO HOSPITALS

1926 - 1940

Year	In Residence*		On Books†	
	Number	Rate x	Number	Rate x
1926	9,441	298	9,656	305
1927	9,325	290	9,708	302
1928	9,467	289	9,775	298
1929	9,704	291	10,032	301
1930	10,060	297	10,390	307
1931	10.488	306	10,930	318
1932	11,052	318	11,498	331
1933	11,578	325	12,236	343
1934	12,068	333	12.883	355
1935‡	12,314	335	12,879	351
1936	13,142	356	13,868	376
1937	13,487	363	14,288	385
1938	14,056	377	14,736	395
1939	14,247	380	15,196	405
1940	14,314	379	15,283	405

* Includes patients boarded out from 1934
† Includes patients in residence and on probation
x Per 100,000 population
‡ Five month period

The number of patients under the supervision of Ontario Hospitals during each of the last fifteen years is shown in Table 1. It will be seen that in 1940 there was only a very slight increase in either the number of patients in residence or the total number of patients on the books of the hospitals. When corrected for population growth (number of patients per 100,000 population) the rate for both "In residence" and "On the books" remained practically the same as for the preceding year.

Increases in patient population for previous years were in indication, not of increasing mental illness per se, but of increased hospital provision for mental patients. Conversely the lack of any significant increase in 1940 is simply a reflection of the fact that during the year the newly constructed Ontario Hospital, St. Thomas, was turned over to the Royal Canadian Air Force, thus making it difficult to maintain, let alone increase, the number of beds available in Ontario Hospitals for the mentally ill.

FORM OF CARE

The proportion of patients under care in residence, on probation, and in boarding homes for each year since 1931 is shown in Table II. It will be seen that over a period of ten years the proportion of patients cared for outside the walls of the hospitals has increased from 4 to 10 per cent. Patients were first placed in boarding homes by Ontario Hospitals in 1933. On March 1st, 1940, there were 550 patients so placed. It is of interest to note that this increase in the use of boarding homes has not resulted in any decrease in the proportion of the patient population which is placed on probation.

TABLE II

PATIENT POPULATION — ONTARIO HOSPITALS

1931 — 1940

Year	Patients In Residence		Patients On Probation		Patients Boarded Out		TOTAL ON BOOKS*
	Number	Per Cent	Number	Per Cent	Number	Per Cent	
1931	10,488	96.0	442	4.0	0	–	10,930
1932	11,052	96.1	446	3.9	0	–	11,498
1933	11,578	94.6	658	5.4	0	–	12,236
1934	11,830	91.8	815	6.3	238	1.9	12,883
1935	12,042	93.5	565	4.4	272	2.1	12,879
1936	12,750	91.9	726	5.2	392	2.8	13,868
1937	13,019	91.1	801	5.6	468	3.3	14,288
1938	13,574	92.1	680	4.6	482	3.3	14,736
1939	13,746	90.5	940	6.2	501	3.3	15,196
1940	13.764	90.0	962	6.4	550	3.6	15,283

* Excludes patients on elopement and not discharged
1931 - 1934 - Years ending October 31st
1935 - Five month period - Nov. 1st, 1934 to March 31st, 1935
1936 - 1940 - Years ending March 31st.

AGE OF PATIENTS

A comparison of the mental hospital population with the population in general in respect to age distribution is presented in Table III. The relatively advanced age of the patient population is indicated by the fact that, whereas, three quarters of the population of Ontario is under 45 years of age, only one half of the patient population is under 45 years of age.

TABLE III

AGE DISTRIBUTION BY SEX — RESIDENT POPULATION AND PROVINCE

AGE	MALES				FEMALES			
	Ontario Hospitals		Province		Ontario Hospitals		Province	
	Number	Per Cent	Number*	Per Cent	Number	Per Cent	Number*	Per Cent
Under 15.	314	4.4	531,850	27.8	192	2.7	516,520	28.1
15 - 24...	848	11.8	340,000	17.8	773	10.9	327,010	17.8
25 - 34...	1,206	16.7	289,330	15.1	973	13.7	275.720	15.0
35 - 44...	1,531	21.2	266,420	13.9	1,341	18.9	253,130	13.8
45 - 54...	1,432	19.9	218,200	11.4	1,495	21.0	201,380	10.9
55 - 64...	1,122	15.6	139,960	7.3	1,247	17.5	135,590	7.4
65 & over	708	9.8	125,670	6.6	1,048	14.7	130,250	7.1
Not stated	44	0.6	570	—	40	0.6	400	—
ALL AGES	7,205	100.0	1,912,000	100.0	7,109	100.0	1,840,000	100.0

* Estimated Population 1939.

Sex differences in age distribution for the general population are negligible. However, in the mental hospital population the distribution of female patients is more severely skewed toward the older age groups than is that of the male patients. There is an excess of male patients at ages under 45 beyond which age the excess of female patients becomes very marked.

Some indication of the risk of mental hospital admission and of mental hospital residence for each age group is provided in Table IV.

TABLE IV

FIRST ADMISSIONS AND PATIENTS IN RESIDENCE BY AGE

YEAR ENDING MARCH 31, 1940

AGE	Population*	FIRST ADMISSIONS			PATIENTS IN RESIDENCE		
		Number	Per Cent	Rate†	Number	Per Cent	Rate†
Under 15	1,048,370	165	6.5	0.16	506	3.5	0.48
15 -- 24	667,010	449	17.7	0.67	1,621	11.3	2.43
25 -- 34	565,050	401	15.8	0.71	2,179	15.2	3.86
35 -- 44	519,550	466	18.3	0.90	2,872	20.1	5.53
45 -- 54	419,580	399	15.7	0.95	2,927	20.4	6.98
55 -- 64	275,550	298	11.7	1.08	2,369	16.6	8.60
65 and over.....	255,920	361	14.2	1.41	1,756	12.3	6.86
Not stated	970	2	—	—	84	0.6	—
ALL AGES	3,752.000	2,541	100.0	0.68	14,314	100.0	3.82

* Estimated population 1939
† Per 1,000 population at ages

The rate for first admission to mental hospital increases steadily with age. The rate for mental hospital residence shows a similar increase with age but reaches a peak in the age group 55 to 64.

The percentage distribution of first admissions and of patients in residence by five years age groups is shown in Table V. One quarter of all first admissions during the year were under 25 years of age, and one quarter were 55 years of age or older. In contrast to this, only 15 per cent. of RESIDENT patients were under 25 years of age, while 30 per cent. were 55 years of age or older. The median age for first admissions was 40, compared to a median age for resident patients of 45.

TABLE V

FIRST ADMISSIONS AND PATIENTS IN RESIDENCE

PERCENTAGE DISTRIBUTION BY AGE

AGE GROUP (Years)	First Admissions	Patients In Residence
Under 15	6.5	3.5
15 — 19	8.1	5.4
20 — 24	9.5	5.9
25 — 29	8.1	7.3
30 — 34	7.7	8.0
35 — 39	9.9	9.8
40 — 44	8.5	10.2
45 — 49	8.3	10.5
50 — 54	7.4	10.0
55 — 59	6.7	9.0
60 — 64	5.0	7.6
65 — 69	4.8	5.3
70 & over	9.4	7.0
Not stated	0.1	0.6
TOTAL	100.0	100.0
NUMBER	2,541	14,314

DIAGNOSIS

Trends in the psychiatric composition of the mental hospital population over any considerable period of time are difficult to assess because of the many extraneous factors which affect both hospitalization and diagnosis. The stated composition of the resident population according to diagnosis is shown for each of the last five years in Table VI. There has been an increase in rate for the resident population as a whole from 365 per hundred thousand in 1937 to 379 per hundred thousand in 1940. No very significant deviations from this trend for the various psychoses are to be noted except for an apparently disproportionate increase in the rate for resident mental defectives and a slight decrease in the resident rate for manic depressive and senile psychoses.

TABLE VI

PATIENTS IN RESIDENCE BY DIAGNOSIS

1936 — 1940

DIAGNOSIS	1936	1937	1938	1939	1940
	NUMBER OF PATIENTS				
Dementia Praecox	5,865	6,017	6,229	6,392	6,493
Manic-Depressive Psychoses	1,256	1,273	1,282	1,256	1,163
Psychoses with Mental Deficiency	646	609	638	622	599
Senile Psychoses	444	441	446	446	364
Epileptic Psychoses	409	421	448	416	409
Mental Deficiency without Psychosis	2,183	2,375	2,536	2,736	2,884
G. P. I. and Cerebral Syphilis	449	462	507	512	523
Psychoses with Cerebral Arterioscler.	318	315	337	328	337
Involutional Psychoses	266	264	284	248	270
Paranoia and Paranoid Conditions	196	218	221	230	233
Alcoholic Psychoses	81	85	87	67	57
Alcoholism without Psychosis	16	22	23	21	9
Epilepsy without Psychosis	592	473	504	522	562
All Other	421	516	514	451	411
TOTAL	13,142	13,487	14,056	14,241	14,314

DIAGNOSIS	RATES PER 100,000 POPULATION				
Dementia Praecox	162.9	161.3	167.0	170.4	171.9
Manic-Depressive Psychoses	34.9	34.5	34.4	33.5	30.8
Psychoses with Mental Deficiency	17.9	16.5	17.1	16.6	15.9
Senile Psychoses	12.3	11.9	12.0	11.9	9.6
Epileptic Psychoses	11.4	11.4	12.0	11.1	10.8
Mental Deficiency without Psychosis	60.6	64.4	68.0	72.9	76.4
G. P. I. and Cerebral Syphilis	12.5	12.5	13.6	13.6	13.8
Psychoses with Cerebral Arterioscler.	8.8	8.5	9.0	8.7	8.9
Involutional Psychoses	7.4	7.2	7.6	6.6	7.1
Paranoia and Paranoid Conditions	5.4	5.9	5.9	6.2	6.2
Alcoholic Psychoses	2.2	2.2	2.3	1.8	1.5
Alcoholism without Psychosis	0.4	0.6	0.6	0.6	0.2
Epilepsy without Psychosis	16.4	12.8	13.5	13.9	14.9
All Other	11.7	14.0	13.8	12.0	10.9
TOTAL	365.0	365.5	376.7	379.7	379.0

The rate of first admissions for each of the selected diagnoses annually since 1927 is shown in Table VII. An examination of these rates reveals sharp but irregular fluctuations which make it difficult to detect any very reliable trends. With the accummulation of such figures for a longer period of time, it may become possible to identify persistent increases and decreases.

DISCHARGED PATIENTS

A total of 2,257 patients were discharged from Ontario Hospitals during the year. The distribution of these patients by condition on discharge is shown separately for each hospital in Table VIII. Of the total group of discharged patients, 23.7 per cent. were discharged as "Recovered" and 49.2 per cent. were discharged as "Improved." Excluding the 517 discharged patients who were "Without Mental Disorder," all but 93 (or 5.3 per cent.) of the psychotic patients were discharged as "Recovered" or "Improved."

The greatest caution must be exercised in drawing conclusions from these figures in respect to apparent differences between hospitals because of the differences which exist in the composition of patient population and possible differences in the standards used for evaluating a patient's condition on discharge.

TABLE VII

FIRST ADMISSIONS BY DIAGNOSIS—1927-1939*

DIAGNOSIS	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
	NUMBER OF PATIENTS													
Dementia Praecox	443	431	491	580	480	495	545	576	232	616	603	594	586	524
Manic-Depressive Psychoses	203	212	227	185	276	300	303	306	110	394	334	325	316	325
Senile Psychoses	191	207	214	201	211	163	121	150	58	183	171	194	165	173
Mental Deficiency without Psychosis	132	121	147	165	159	368	299	309	73	369	375	385	404	332
G.P.I. and Cerebral Syphilis	93	92	102	115	138	130	142	140	49	145	124	147	128	129
Psychoses with Cerebral Arteriosclerosis	66	79	106	79	88	131	147	155	56	187	125	165	178	213
Psychoses with Mental Deficiency	63	74	91	68	70	90	96	67	27	86	54	51	52	50
Epileptic Psychoses	45	39	58	45	58	41	44	54	15	53	47	61	48	51
nvolutional Psychoses	64	62	98	86	74	79	52	57	23	73	72	90	95	134
Parnoia and Paranoid Conditions	41	33	31	33	65	65	53	42	22	52	69	43	51	43
Alcoholic Psychoses	21	27	25	42	35	25	24	19	9	62	39	36	42	42
Alcoholism without Psychosis	8	26	13	15	22	21	19	25	16	55	71	72	70	56
Epilepsy without Psychosis	30	41	60	39	27	54	85	65	29	101	56	76	95	107
All Other	124	158	190	206	219	288	268	276	118	391	396	397	382	362
TOTAL	1,524	1,602	1,853	1,859	1,922	2,250	2,198	2,241	837	1,767	2,536	2,636	2,612	2,541

DIAGNOSIS	RATE PER 100,000 POPULATION													
Dementia Praecox	13.8	13.2	14.7	17.2	14.0	14.2	15.7	16.2	15.5	17.1	16.3	15.9	15.6	13.9
Manic-Depressive Psychoses	6.3	6.5	6.8	5.5	8.0	8.6	8.6	8.6	7.4	10.9	9.1	8.7	8.4	8.6
Senile Psychoses	5.9	6.3	6.4	5.9	6.2	4.7	3.4	4.2	3.9	5.1	4.6	5.2	4.4	4.6
Mental Deficiency without Psychosis	4.1	3.7	4.4	4.9	4.6	10.6	8.5	8.7	4.9	10.2	10.2	10.3	10.8	8.8
G.P.I. and Cerebral Syphilis	2.8	2.7	3.0	3.4	4.0	3.7	4.0	4.0	3.3	4.0	3.4	3.9	3.4	3.4
Psychoses with Cerebral Arteriosclerosis	2.1	2.4	3.2	2.3	2.6	3.8	4.2	4.4	3.8	5.2	3.4	4.4	4.7	5.6
Psychoses with Mental Deficiency	2.0	2.3	2.7	2.0	2.0	2.6	2.7	1.9	1.8	2.4	1.5	1.4	1.4	1.3
Epileptic Psychoses	1.4	1.2	1.7	1.3	1.7	1.2	1.3	1.5	1.0	1.5	1.3	1.6	1.3	1.4
nvolutional Psychoses	2.0	1.9	2.9	2.5	2.1	2.3	1.5	1.6	1.5	2.0	1.9	2.4	2.5	3.5
Paranoia and Paranoid Conditions	1.3	1.0	0.9	1.0	1.9	1.9	1.5	1.2	0.6	1.4	1.8	1.2	1.4	1.1
Alcoholic Psychoses	0.6	0.8	0.7	1.2	1.0	0.7	0.7	0.5	0.6	1.7	1.1	1.0	1.1	1.1
Alcoholism without Psychosis	0.2	0.8	0.4	0.4	0.6	0.6	0.5	0.7	1.1	1.5	1.9	1.9	1.9	1.5
Epilepsy without Psychosis	0.9	1.3	1.8	1.2	0.8	1.6	2.4	1.8	1.9	2.8	1.5	2.0	2.5	2.8
All Other	3.8	4.8	5.7	6.1	6.4	8.3	7.6	7.7	7.9	10.8	10.7	10.6	10.2	9.6
TOTAL	47.4	49.0	55.5	54.7	56.0	64.8	62.5	63.9	56.1	76.9	68.7	70.7	69.6	67.3

*1927–1934—Year ending October 31st.
1935—Five months ending March 31st.
1936-1939—Year ending March 31st.

TABLE VIII

DISTRIBUTION OF DISCHARGES BY CONDITION ON DISCHARGE

ONTARIO HOSPITALS — YEAR ENDING MARCH 31, 1940

HOSPITALS	Recovered		Improved		Unimproved		Without Mental Disorder		TOTAL
	No.	%	No.	%	No.	%	No.	%	
Brockville ..	41	23.3	105	59.7	4	2.3	26	14.8	176
Cobourg	0	—	0	—	0	—	75	100.0	75
Fort William	2	4.9	29	70.7	2	4.9	8	19.5	41
Hamilton ...	128	40.1	121	37.9	21	6.6	49	15.4	319
Kingston ...	64	35.8	84	46.9	9	5.0	22	12.3	179
Langstaff ..	0	—	0	—	2	66.7	1	33.3	3
London	109	29.5	197	53.2	18	4.9	46	12.4	370
New Toronto	14	7.6	140	75.7	5	2.7	26	14.1	185
Orillia	0	—	0	—	0	—	80	100.0	80
Penetang ...	3	17.6	6	35.3	1	5.9	7	41.2	17
St. Thomas .	1	50.0	0	—	0	—	1	50.0	2
Toronto	47	20.1	134	57.3	17	7.3	36	15.4	234
Whitby	114	22.8	282	56.5	12	2.4	91	18.2	499
Woodstock ..	13	16.9	13	16.9	2	2.6	49	63.6	77
TOTAL ..	536	23.7	1,111	49.2	93	4.1	517	22.9	2,257

Discharge rates in terms of both number of admissions and number of patients under care are shown for each hospital in Table IX. While the rate for patients discharged as "Recovered" appears to be low in certain of the hospitals, discharge rates for hospitals of comparable size and clinical scope do not differ greatly. It should be noted that in hospitals where the rate for "Recovered" cases is relatively high, the rate for "Improved" patients is relatively low and vice versa. This probably reflects differences in interpretation of the terms "Recovered" and "Improved" in different hospitals. It must be admitted that difficulties of interpretation render figures such as these unsatisfactory as measures of the therapeutic results being obtained in different hospitals.

DISCHARGE RATES BY SELECTED PSYCHOSES

The extent to which discharge rates differ for each of the major psychoses is shown in Table X. It will be seen that of the 7,257 cases of dementia praecox under treatment during the year, only 8·1 per cent. were discharged and the majority of these were discharged as "Improved." Of the 1,117 cases of senile and cerebral arteriosclerotic cases under treatment during the year, only 9 per cent. were discharged, the majority being again discharged as "Improved." Of the 371 cases of involutional melancholia under treatment during the year, 21·3 per cent. were discharged (including 5·7 per cent. discharged as "Recovered"). Of the 1,715 manic depressive cases under treatment during the year, 27 per cent. were discharged (nearly half of them being discharged as "Recovered"). Of the 229 cases of psychoneurosis under treatment during the year, 58·5 per cent. were discharged (including 22·7 per cent. or nearly one quarter of the entire group who were discharged as "Recovered").

In comparing these rates with comparable figures for the previous year, it is interesting to note that gross discharge rates have increased for each of the dignostic categories shown in the table with the exception of the senile and cerebral arteriosclerotic group.

TABLE IX

DISCHARGE RATES BY CONDITION ON DISCHARGE—YEAR ENDING MARCH 31, 1940

HOSPITAL	Total Admissions	* Patients Treated	Recovered			Improved			Unimproved			Without Mental Disorder			TOTAL		
			No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated
Brockville	278	1,430	41	14.7	28.7	105	37.7	73.4	4	1.4	2.8	26	9.4	18.9	176	63.3	123.1
Cobourg	68	578	0	....	....	0	....	....	0	....	....	75	110.3	129.8	75	110.3	129.8
Fort William	78	150	2	2.6	13.3	29	37.2	193.3	2	2.6	13.3	8	10.3	53.3	41	52.6	273.3
Hamilton	425	1,968	128	30.1	65.0	121	28.5	61.5	21	4.9	10.7	49	11.5	24.9	319	75.1	162.1
Kingston	250	1,477	64	25.6	43.3	84	33.6	56.9	9	3.6	6.1	22	8.8	14.9	179	71.6	121.2
Langstaff	0	356	0	....	....	0	....	....	2	....	5.6	1	....	2.8	3	....	8.4
London	460	2,195	109	23.7	49.7	197	42.8	89.7	18	1.7	8.2	46	10.0	21.0	370	80.4	168.6
New Toronto	382	1,851	14	3.7	7.6	140	36.6	75.6	5	1.3	2.7	26	6.8	14.0	185	48.4	99.9
Orillia	201	2,207	0	....	....	0	....	....	0	....	....	80	39.8	36.2	80	39.8	36.2
Penetang	19	632	3	15.8	4.7	6	31.6	9.5	1	5.3	1.6	7	36.8	11.1	17	89.5	26.9
St. Thomas	1	9	1	....	....	0	....	....	0	....	....	1	....	....	2	....	.....
Toronto	376	1,652	47	12.5	28.5	134	35.6	81.1	17	4.5	10.3	36	9.6	21.8	234	62.2	141.6
Whitby	546	2,518	114	20.9	45.3	282	51.6	112.0	12	2.2	4.8	91	16.7	36.1	499	91.4	198.2
Woodstock	140	1,390	13	9.3	9.4	13	9.3	9.4	2	1.4	1.4	49	35.0	35.3	77	55.0	55.4
ALL HOSPITALS	3,224	18,413	536	16.6	29.1	1,111	34.5	60.3	93	2.9	5.1	517	16.0	28.1	2,257	70.0	122.6

* Patients on the books March 31, 1940, plus discharges and deaths during the year.

TABLE X

DISCHARGE RATES FOR SELECTED PSYCHOSES BY CONDITION ON DISCHARGE

YEAR ENDING MARCH 31, 1940

PSYCHOSIS	Total Admissions	Total* Treated	RECOVERED			IMPROVED			UNIMPROVED			TOTAL		
			No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated	No.	Per 100 Adm.	Per 1,000 Treated
Dementia Praecox	713	7,257	103	14	14	440	62	61	42	6	6	585	82	81
Manic Depressive	533	1,715	218	41	127	233	44	136	12	2	7	463	87	270
Psychoneuroses and Neuroses	154	229	52	34	227	79	51	345	3	2	13	134	87	585
Senile and With Cerebral Arteriosclerosis	396	1,117	15	4	13	78	20	70	8	2	7	101	26	90
Involutional Melancholia	149	371	21	14	57	55	37	148	3	2	8	79	53	213
General Paresis and Cerebral Syphilis	158	665	14	9	21	72	46	108	5	3	8	91	58	137
Other Psychoses	433	1,978	113	26	57	154	36	78	20	5	10	287	66	145
TOTAL	2,536	13,332	536	21	40	1,111	44	83	93	4	7	1,740	69	131
Without Psychosis	688	4,112	....	....	....	....	....	....	....	....	....	517	75	126
TOTAL	3,224	17,444	....	....	....	....	....	....	....	....	....	2,257	70	129

* Patients in residence March 31, 1940, plus discharges and deaths during the year. (This is an approximation—probationers are not included.)

DISCHARGES AND DEATHS BY AGE

Rates of discharges and deaths for specific age groups are shown in Table XI. The discharge rate per thousand patients under treatment is highest at ages 15 to 24, nearly 20 per cent. of the 2,061 patients of this age group being discharged during the year. Discharge rates decrease steadily with increasing age.

TABLE XI

DISCHARGES AND DEATHS BY AGE

YEAR ENDING MARCH 31, 1940

AGE GROUPS	First Adm.	No.* Treated	DISCHARGES			DEATHS		
			No.	Per 100 Adm.	Per 1000 Treated	No.	Per 100 Adm.	Per 1000 Treated
Under 15 ...	165	550	24	14.5	43.6	20	12.1	36.4
15 — 24	449	2,061	402	89.5	195.1	38	8.5	18.4
25 — 34	401	2,720	488	121.7	176.2	53	13.2	19.1
35 — 44	466	3,438	492	105.6	143.1	74	15.9	21.5
45 — 54	399	3.450	413	103.5	119.7	110	27.6	31.9
55 — 64	298	2,812	269	90.3	95.7	174	58.4	61.9
65 & over...	361	2,327	168	72.2	46.5	403	111.6	173.2
Not stated ..	2	86	1	—	—	1	—	—
ALL AGES..	2,541	17,444	2,257	88.8	129.4	873	34.4	50.0

* Patients in residence, March 31, 1940 plus discharges and deaths.

The specific death rate per thousand patients under treatment is lowest at ages 15 to 24 and shows a positively accelerated increase with increasing age.

The crude death rate in the patient population as a whole is somewhat higher than that reported for the previous year. In comparison with corresponding death rates for the general population, the excess mortality shown by hospital patients is greatest at ages under 15. (The patients included in this age group are, of course, mainly mental defectives.)

DISCHARGE AND DEATH RATES BY HOSPITAL

The discharge and death rates in terms of both first admissions and patients under treatment are shown for each hospital in Table XII. The discharge rates vary from 53 to 110 per hundred first admissions, and from 27 to 273 per thousand patients under treatment. Among the larger and clinically more comparable hospitals, the rates vary from 48 (New Toronto) to 91 (Whitby) per hundred admissions and from 100 (New Toronto) to 198 (Whitby) per thousand patients under treatment.

Death rates show considerable variation but cannot be properly interpreted without due recognition of differences in age distribution and clinical condition of the patients in each hospital.

TABLE XII

DISCHARGE AND DEATH RATES BY HOSPITAL

ONTARIO HOSPITALS — 1940

HOSPITAL	Total Admiss-ions	Total* Treated	DISCHARGES			DEATHS		
			No.	Per 100 Adm.	Per 1000 Treated	No.	Per 100 Adm.	Per 1000 Treated
Brockville ..	278	1,430	176	63.3	123.1	80	28.8	55.9
Cobourg	68	578	75	110.3	130.4	7	10.3	12.2
Fort William	78	150	41	52.6	273.3	11	14.1	73.3
Hamilton ...	425	1,968	319	75.1	162.1	132	31.1	67.1
Kingston	250	1.477	179	71.6	121.2	57	22.8	38.6
Langstaff ...	0	356	3	—	—	0	—	—
London	460	2,195	370	80.4	168.6	109	23.7	49.7
New Toronto	382	1.851	185	48.4	99.9	114	29.8	61.6
Orillia	201	2,207	80	39.8	36.2	54	26.9	24.5
Penetang ...	19	632	17	89.5	26.9	15	78.9	23.7
St. Thomas .	1	9	2	—	—	7	—	—
Toronto	376	1,652	234	62.2	141.6	108	28.7	65.4
Whitby	546	2,518	499	91.4	198.2	131	24.0	52.0
Woodstock ..	140	1,390	77	55.0	55.4	48	34.3	34.5
ALL HOSPITALS	3,224	18,413	2,257	70.0	122.6	873	27.1	47.4

* Patients on the books March 31, 1940 plus discharges and deaths during the year.

DISCHARGE AND DEATH RATES FOR SELECTED PSYCHOSES

In Table XIII, discharge and death rates for selected psychoses are shown. As expected, discharge rates for the manic depressive group are highest. In order thereafter come general paresis, senile psychoses, dementia praecox and epileptic psychoses.

Death rates are highest in the senile psychosis and lowest in the dementia praecox. Morality for manic depressives is double that for dementia praecox. Five per cent. of all patients under treatment died during the year. This represents a very slight increase over the 4.4 per cent. reported for the previous year.

CAUSES OF DEATH

Table XIV presents data on the six principal causes of death for the Ontario Hospital population and for the population of the province as a whole. It will be observed that a disproportionate number of deaths in Ontario Hospitals are attributed to pneumonia and bronchitis. This is doubtless related to the age structure of the patient population. In marked contrast, cancer is relatively less frequently stated to be the cause of death for mental hospital patients than for the general population. In view of the older age structure of the patient population, a high cancer rate is to be expected and is in fact shown by the patient population.

TABLE XIII

DISCHARGE AND DEATH RATES FOR SELECTED PSYCHOSES
YEAR ENDING MARCH 31, 1940

PSYCHOSES	Total Admissions	Total* Treated	DISCHARGES			DEATHES		
			Number	Per 100 Adm.	Per 1000 Treated	Number	Per 100 Adm.	Per 1000 Treated
Senile†	396	1,117	101	26	90	315	80	282
Dementia Praecox	713	7,257	585	82	81	179	25	25
Manic Depressive	533	1,715	463	87	270	89	17	52
General Paresis‡	158	665	91	58	137	51	32	77
Epileptic	60	472	35	58	74	28	47	59
With Mental Deficiency	72	669	50	0	75	20	28	30
Other Psychoses	604	1,437	415	69	289	101	17	70
Without Psychosis	688	4,112	517	75	126	90	13	22
TOTAL	3,224	17,444	2,257	70	129	873	27	50

* Patients in residence March 31, 1940 plus discharges and deaths during the year. (This is an approximation — probationers not included.)

† Including psychoses with cerebral arteriosclerosis.

‡ Including psychoses due to cerebral syphilis.

TABLE XIV

PRINCIPAL RECORDED CAUSES OF DEATH
ONTARIO HOSPITALS — 1939-40 AND ONTARIO--1939

CAUSE OF DEATH	ONTARIO HOSPITALS			PROVINCE		
	No.	Rate†	%	No.	Rate‡	%
1. Pneumonia and Bronchitis	260	1,490	29.8	2,259	60	6.0
2. Diseases of the Heart	197	1,129	22.6	7,705	205	20.5
3. Tuberculosis (all forms)	61	350	7.0	1,085	29	2.9
4. Cerebral Haemorrhage	56	321	6.4	814	22	2.2
5. Diseases of the Arteries	60	344	6.9	4,447	119	11.8
6. Cancer (all forms)	39	224	4.5	4,567	128	12.2
Total (1-6)	673	38.6	77.1	20,877	5.6	55.6
All Other Causes	200	11.5	22.9	16,653	4.4	44.4
GRAND TOTAL	873	50.1	100.0	37,530	10.0	100.0

† Per 100,000 under treatment (17,444), except totals which are per 1,000.

‡ Per 100,000 population, except totals which are per 1,000.

CONCLUSION

The foregoing review is intended merely to draw attention to certain of the general trends and rates observable in the mental hospital population. Detailed information in respect to a variety of questions not included in this review will be found in the standard statistical tables which follow.

DETAILED STATISTICAL TABLES

TABLE No. 1
DETAILED MOVEMENT OF PATIENT POPULATION
April 1, 1939—March 31, 1940

POPULATION	TOTAL			BROCKVILLE			COBOURG			FORT WILLIAM			HAMILTON			KINGSTON			LANGSTAFF		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on Books, April 1, 1939:																					
In Residence	6,986	6,716	13,702	552	545	1,097	0	415	415	97	0	97	871	775	1,646	636	536	1,172	0	0	0
In Boarding Homes	216	320	536	22	23	45	0	34	34	0	0	0	14	27	41	19	31	50	0	0	0
On Probation	437	510	947	36	43	79	0	54	54	8	0	8	59	76	135	29	31	60	0	0	0
On Elopement (not discharged)	6	3	9	1	0	1	0	3	3	0	0	0	0	0	0	2	0	2	0	0	0
Total on Books	7,645	7,549	15,194	611	611	1,222	0	506	506	105	0	105	944	878	1,822	686	598	1,284	0	0	0
Admitted during year:																					
First Admissions	1,341	1,200	2,541	105	104	209	0	65	65	64	0	64	169	171	340	103	80	183	0	0	0
Re-admissions	360	323	683	29	40	69	0	3	3	14	0	14	47	38	85	38	29	67	0	0	0
Transfers Received	1,936	1,395	3,331	32	0	32	0	11	11	2	0	2	48	44	92	67	0	67	368	0	368
Total Admitted	3,637	2,918	6,555	166	144	310	0	79	79	80	0	80	264	253	517	208	109	317	368	0	368
Total under care: ‡	11,282	10,467	21,749	777	755	1,532	0	585	585	185	0	185	1,208	1,131	2,339	894	707	1,601	368	0	368
Discharged during year:†																					
Recovered	266	270	536	11	30	41	0	0	0	2	0	2	60	68	128	34	30	64	0	0	0
Improved	589	522	1,111	56	49	105	0	0	0	29	0	29	59	62	121	42	42	84	0	0	0
Unimproved	53	40	93	1	3	4	0	0	0	2	0	2	10	11	21	6	3	9	2	0	2
Without Psychosis	329	188	517	21	5	26	0	75	75	8	0	8	35	14	49	18	4	22	1	0	1
Died*	456	417	873	27	53	80	0	7	7	11	0	11	65	67	132	31	26	57	0	0	0
Transferred	1,936	1,400	3,336	75	27	102	0	7	7	35	0	35	209	162	371	117	7	124	12	0	12
Total discharged from Books‡	3,629	2,837	6,466	191	167	358	0	89	89	87	0	87	438	384	822	248	112	360	15	0	15
Patients on Books March 31, 1940:																					
In Residence	6,996	6,730	13,726	535	518	1,053	0	405	405	90	0	90	712	655	1,367	596	517	1,113	353	0	353
In Boarding Homes§	209	379	588	20	28	48	0	33	33	0	0	0	11	24	35	26	50	76	0	0	0
On Probation	442	520	962	31	42	73	0	57	57	8	0	8	47	68	115	23	28	51	0	0	0
On Elopement (not discharged)	6	1	7	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0
Total on Books	7,653	7,630	15,283	586	588	1,174	0	496	496	98	0	98	770	747	1,517	646	595	1,241	353	0	353
Daily Average Population in Residence	7,529	7,124	14,653	570	566	1,136	0	431	431	85	0	85	762	719	1,481	613	525	1,138	294	0	294
Daily Average Population on Books	8,138	7,830	15,968	607	609	1,216	0	497	497	96	0	96	819	791	1,610	668	598	1,266	310	0	310

‡ These figures include transfers—actual numbers for all hospitals combined are 18,418 and 3,130.

† Elopers discharged (68) are included with ordinary discharges.

* Excludes deaths on probation and elopement, these are included with ordinary discharges.

§ Includes 30 female patients in Colony Houses at Cobourg and 8 female patients in Colony Houses at Orillia. Net number in Boarding Homes—550.

Langstaff hospital open for 6 months only—Oct. 1939 to Mar. 1940.

St. Thomas hospital open for 6 months only—Apr. 1939 to Oct. 1939.

TABLE No. 1—(Concluded)
DETAILED MOVEMENT OF PATIENT POPULATION
APRIL 1, 1939—MARCH 31, 1940

POPULATION	LONDON			NEW TORONTO			ORILLIA			PENETANG			ST. THOMAS			TORONTO			WHITBY			WOODSTOCK		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Patients on Books, April 1, 1939:																								
In Residence	844	791	1,635	857	682	1,539	1,011	957	1,968	366	234	600	0	0	0	597	595	1,192	859	877	1,736	296	309	605
In Boarding Homes	37	56	93	48	27	75	0	13	13	4	18	22	0	0	0	18	34	52	54	57	111	0	0	0
On Probation	48	64	112	40	36	76	45	35	80	7	3	10	0	0	0	60	37	97	79	120	199	26	11	37
On Elopement (not discharged)	1	0	1	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total on Books	930	911	1,841	945	745	1,690	1,058	1,005	2,063	377	255	632	0	0	0	675	666	1,341	992	1,054	2,046	322	320	642
2. Admitted during year:																								
First Admissions	166	178	344	178	139	317	107	82	189	8	2	10	0	0	0	160	135	295	207	195	402	74	49	123
Re-admissions	48	68	116	31	34	65	5	7	12	7	2	9	1	0	1	51	30	81	78	66	144	11	6	17
Transfers Received	96	138	234	72	247	319	37	31	68	9	0	9	591	480	1,071	152	72	224	79	69	148	383	303	686
Total Admitted	310	384	694	281	420	701	149	120	269	24	4	28	592	480	1,072	363	237	600	364	330	694	468	358	826
3. Total under Care:‡	1,240	1,295	2,535	1,226	1,165	2,391	1,207	1,125	2,332	401	259	660	592	480	1,072	1,038	903	1,941	1,356	1,384	2,740	790	678	1,468
4. Discharged during year:†																								
Recovered	48	61	109	12	2	14	0	0	0	2	1	3	1	0	1	28	19	47	61	53	114	7	6	13
Improved	103	94	197	73	67	140	0	0	0	4	2	6	0	0	0	86	48	134	128	154	282	9	4	13
Unimproved	9	9	18	3	2	5	0	0	0	1	0	1	0	0	0	11	6	17	6	6	12	2	0	2
Without Psychosis	32	14	46	23	3	26	43	37	80	7	0	7	1	0	1	29	7	36	75	16	91	36	13	49
Died*	59	50	109	69	45	114	27	27	54	5	10	15	5	2	7	64	44	108	63	68	131	30	18	48
Transferred	185	155	340	276	264	540	78	47	125	16	12	28	585	478	1,063	165	124	289	141	81	222	42	36	78
Total discharged from Books‡	436	383	819	456	383	839	148	111	259	35	25	60	592	480	1,072	383	248	631	474	378	852	126	77	203
5. Patients on Books, March 31, 1940:																								
In Residence	708	772	1,480	664	684	1,348	1,014	977	1,991	355	211	566	0	0	0	577	571	1,148	771	847	1,618	621	573	1,194
In Boarding Homes§	35	64	99	61	64	125	0	8	8	8	18	26	0	0	0	13	32	45	35	58	93	0	0	0
On Probation	61	76	137	44	34	78	43	29	72	3	5	8	0	0	0	63	52	115	76	101	177	43	28	71
On Elopement (not discharged)	0	0	0	1	0	1	2	0	2	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
Total on Books	804	912	1,716	770	782	1,552	1,059	1,014	2,073	366	234	600	0	0	0	655	655	1,310	882	1,006	1,888	664	601	1,265
6. Daily Average Population in Residence	736	769	1,505	820	725	1,545	995	968	1,963	360	220	580	485	334	819	595	614	1,209	791	844	1,635	423	409	832
7. Daily Average Population on Books	826	898	1,724	855	745	1,600	1,050	1,008	2,058	376	249	625	486	335	821	656	646	1,302	920	1,015	1,935	469	439	908

‡ These figures include transfers—actual numbers for all hospitals combined are 18,418 and 3,130.
† Elopers discharged (68) are included with ordinary discharges.
* Excludes deaths on probation and elopement, these are included with ordinary discharges.
§ Includes 30 female patients in Colony Houses at Cobourg and 8 female patients in Colony Houses at Orillia. Net number in Boarding Homes—550.
Langstaff hospital open for 6 months only—Oct. 1939 to Mar. 1940.
St. Thomas hospital open for 6 months only—Apr. 1939 to Oct. 1939.

TABLE No. 2
MOVEMENT OF PATIENT POPULATION
Year Ending March 31, 1940

HOSPITALS	To Population											
	First Admissions			Re-Admissions			Transfers Received			Total Added to Population		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	105	104	209	29	40	69	32	0	32	166	144	310
Cobourg	0	65	65	0	3	3	0	11	11	0	79	79
Fort William	64	0	64	14	0	14	2	0	2	80	0	80
Hamilton	169	171	340	47	38	85	48	44	92	264	253	517
Kingston	103	80	183	38	29	67	67	0	67	208	109	317
Langstaff	0	0	0	0	0	0	368	0	368	368	0	368
London	166	178	344	48	68	116	96	138	234	310	384	694
New Toronto	178	139	317	31	34	65	72	247	319	281	420	701
Orillia	107	82	189	5	7	12	37	31	68	149	120	269
Penetang	8	2	10	7	2	9	9	0	9	24	4	28
St. Thomas	0	0	0	1	0	1	591	480	1,071	592	480	1,072
Toronto	160	135	295	51	30	81	152	72	224	363	237	600
Whitby	207	195	402	78	66	144	79	69	148	364	330	694
Woodstock	74	49	123	11	6	17	383	303	686	468	358	826
All Hospitals	1,341	1,200	2,541	360	323	683	1,936	1,395	3,331	3,637	2,918	6,555

TABLE No. 2 (Concluded)
MOVEMENT OF PATIENT OF POPULATION
Year Ending March 31, 1940

HOSPITALS	From Population																	
	Discharged*			Died†			Transferred to Other Hospitals			Elopers Discharged			Total from Population			Change in Population		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	88	87	175	27	53	80	75	27	102	1	0	1	191	167	358	−25	−23	−48
Cobourg	0	57	57	0	7	7	0	7	7	0	18	18	0	89	89	0	−10	−10
Fort William	38	0	38	11	0	11	35	0	35	3	0	3	87	0	87	−7	0	−7
Hamilton	162	154	316	65	67	132	209	162	371	2	1	3	438	384	822	−174	−131	−305
Kingston	94	79	173	31	26	57	117	7	124	6	0	6	248	112	360	−40	−3	−43
Langstaff	0	0	0	0	0	0	12	0	12	3	0	3	15	0	15	+353	0	+353
London	187	178	365	59	50	109	185	155	340	5	0	5	436	383	819	−126	+1	−125
New Toronto	109	74	183	69	45	114	276	264	540	2	0	2	456	383	839	−175	+37	−138
Orillia	38	31	69	27	27	54	78	47	125	5	6	11	148	111	259	+1	+9	+10
Penetang	14	3	17	5	10	15	16	12	28	0	0	0	35	25	60	−11	−21	−32
St. Thomas	2	0	2	5	2	7	585	478	1,063	0	0	0	592	480	1,072	0	0	0
Toronto	145	80	225	64	44	108	165	124	289	9	0	9	383	248	631	−20	−11	−31
Whitby	263	229	492	63	68	131	141	81	222	7	0	7	474	378	852	−110	−48	−158
Woodstock	54	23	77	30	18	48	42	36	78	0	0	0	126	77	203	+342	+281	+623
All Hospitals	1,194	995	2,189	456	417	873	1,936	1,400	3,336	43	25	68	3,629	2,837	6,466	+8	+81	+89

* Discharges include 7 deportations.

† Does not include deaths on probation or elopement. These are classed as discharges.

TABLE No. 3

PATIENT POPULATION ON APRIL 1, 1939, AND MARCH 31, 1940

HOSPITAL	Population April 1, 1939														
	Patients in Hospital			Patients on Probation			Patients Boarding-out			Eloped and Not Discharged			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	552	545	1,097	36	43	79	22	23	45	1	0	1	611	611	1,222
Cobourg	0	415	415	0	54	54	0	34	34	0	3	3	0	506	506
Fort William	97	0	97	8	0	8	0	0	0	0	0	0	105	0	105
Hamilton	871	775	1,646	59	76	135	14	27	41	0	0	0	944	878	1,822
Kingston	636	536	1,172	29	31	60	19	31	50	2	0	2	686	598	1,284
Langstaff	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
London	844	791	1,635	48	64	112	37	56	93	1	0	1	930	911	1,841
New Toronto	857	682	1,539	40	36	76	48	27	75	0	0	0	945	745	1,690
Orillia	1,011	957	1,968	45	35	80	0	13	13	2	0	2	1,058	1,005	2,063
Penetang	366	234	600	7	3	10	4	18	22	0	0	0	377	255	632
St. Thomas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Toronto	597	595	1,192	60	37	97	18	34	52	0	0	0	675	666	1,341
Whitby	859	877	1,736	79	120	199	54	57	111	0	0	0	992	1,054	2,046
Woodstock	296	309	605	26	11	37	0	0	0	0	0	0	322	320	642
All Hospitals	6,986	6,716	13,702	437	510	947	216	320	536	6	3	9	7,645	7,549	15,194

TABLE No. 3—(Concluded)

PATIENT POPULATION ON APRIL 1, 1939, AND MARCH 31, 1940

HOSPITAL	Population March 31, 1940															Total Number of Patients on Books During Year		
	Patients in Hospital			Patients on Probation			Patients Boarding-out			Eloped and Not Discharged			Total on Books					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	535	518	1,053	31	42	73	20	28	48	0	0	0	586	588	1,174	777	755	1,532
Cobourg	0	405	405	0	57	57	0	33	33	0	1	1	0	496	496	0	585	585
Fort William	90	0	90	8	0	8	0	0	0	0	0	0	98	0	98	185	0	185
Hamilton	712	655	1,367	47	68	115	11	24	35	0	0	0	770	747	1,517	1,208	1,131	2,339
Kingston	596	517	1,113	23	28	51	26	50	76	1	0	1	646	595	1,241	894	707	1,601
Langstaff	353	0	353	0	0	0	0	0	0	0	0	0	353	0	353	368	0	368
London	708	772	1,480	61	76	137	35	64	99	0	0	0	804	912	1,716	1,240	1,295	2,535
New Toronto	664	684	1,348	44	34	78	61	64	125	1	0	1	770	782	1,552	1,226	1,165	2,391
Orillia	1,014	977	1,991	43	29	72	0	8	8	2	0	2	1,059	1,014	2,073	1,207	1,125	2,332
Penetang	355	211	566	3	5	8	8	18	26	0	0	0	366	234	600	401	259	660
St. Thomas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	592	480	1,072
Toronto	577	571	1,148	63	52	115	13	32	45	2	0	2	655	655	1,310	1,038	903	1,941
Whitby	771	847	1,618	76	101	177	35	58	93	0	0	0	882	1,006	1,888	1,356	1,384	2,740
Woodstock	621	573	1,194	43	28	71	0	0	0	0	0	0	664	601	1,265	790	678	1,468
ALL HOSPITALS	6,996	6,730	13,726	442	520	962	209	379	588	6	1	7	7,653	7,630	15,283	11,282	10,467	21,749*

* This figure includes 3,331 transfers. Actual number of patients under supervision or treatment during year was 18,418.

TABLE No. 4
MOVEMENT OF PATIENT POPULATION

	PATIENT POPULATION	ALL HOSPITALS			BROCKVILLE			COBOURG*			FORT WILLIAM			HAMILTON			KINGSTON			LANGSTAFF		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
IN BOARDING HOMES	In Boarding Homes at beginning of year	216	321	537	22	23	45	0	35	35	0	0	0	14	27	41	19	31	50	0	0	0
	Placed in Boarding Homes during year	160	331	491	12	21	33	0	43	43	0	0	0	13	24	37	22	39	61	0	0	0
	Returned from Boarding Homes during year	174	272	446	12	16	28	0	29	29	0	0	0	16	27	43	13	20	33	0	0	0
	Discharged while in Boarding Homes...	10	30	40	2	0	2	0	16	16	0	0	0	0	0	0	2	0	2	0	0	0
	Died while in Boarding Homes..........	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining in Boarding Homes at end of year	192	349	541	20	28	48	0	33	33	0	0	0	11	24	35	26	50	76	0	0	0
	Daily Average in Boarding Homes......	180	323	503	18	27	45	0	33	33	0	0	0	12	24	36	22	39	61	0	0	0
ON PROBATION	On Probation at the beginning of year..	437	510	947	36	43	79	0	54	54	8	0	8	59	76	135	29	31	60	0	0	0
	Placed on Probation during year........	1,342	1,513	2,855	67	85	152	0	142	142	22	0	22	129	172	301	76	76	152	2	0	2
	Returned from Probation during year...	554	617	1,171	13	18	31	0	83	83	8	0	8	23	45	68	32	23	55	2	0	2
	Discharged while on Probation.........	758	845	1,603	59	68	127	0	56	56	14	0	14	118	134	252	49	55	104	0	0	0
	Died while on Probation...............	8	11	19	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2	0	0	0
	Remaining on Probation at end of year.	459	550	1,009	31	42	73	0	57	57	8	0	8	47	68	115	23	28	51	0	0	0
	Daily Average on Probation...........	515	581	1,096	36	43	79	0	64	64	10	0	10	58	72	130	34	33	67	0	0	0

TABLE No. 4—(Concluded)

MOVEMENT OF PATIENT POPULATION

	Patient Population	London			New Toronto			Orillia*			Penetang			St. Thomas			Toronto			Whitby			Woodstock		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
In Boarding Homes	In Boarding Homes at beginning of year	37	56	93	48	27	75	0	13	13	4	18	22	0	0	0	18	34	52	54	57	111	0	0	0
	Placed in Boarding Homes during year	37	67	104	18	13	31	0	12	12	7	5	12	0	0	0	27	44	71	24	63	87	0	0	0
	Returned from Boarding Homes during year	38	55	93	22	5	27	0	12	12	3	5	8	0	0	0	28	42	70	42	61	103	0	0	0
	Discharged while in Boarding Homes.	1	4	5	0	0	0	0	5	5	0	0	0	0	0	0	4	4	8	1	1	2	0	0	0
	Died while in Boarding Homes.......	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Remaining in Boarding Homes at end of year	35	64	99	44	34	78	0	8	8	8	18	26	0	0	0	13	32	45	35	58	93	0	0	0
	Daily Average in Boarding Homes....	27	51	78	45	30	75	0	11	11	5	18	23	0	0	0	12	32	44	39	58	97	0	0	0
On Probation	On Probation at the beginning of year	48	64	112	40	36	76	45	35	80	7	3	10	0	0	0	60	37	97	79	120	199	26	11	37
	Placed on Probation during year.....	198	238	436	96	108	204	230	163	393	8	11	19	5	8	13	148	141	289	197	256	453	164	113	277
	Returned from Probation during year.	45	79	124	23	15	38	197	144	341	4	6	10	2	2	4	47	53	100	56	75	131	102	74	176
	Discharged while on Probation.......	140	146	286	51	65	116	33	24	57	8	3	11	1	0	1	97	72	169	144	200	344	44	22	66
	Died while on Probation...........	0	1	1	1	0	1	2	1	3	0	0	0	2	6	8	1	1	2	0	0	0	1	0	1
	Remaining on Probation at end of year	61	76	137	61	64	125	43	29	72	3	5	8	0	0	0	63	52	115	76	101	177	43	28	71
	Daily Average on Probation.........	68	82	150	54	52	106	53	40	93	5	4	9	1	1	2	59	48	107	91	112	203	46	30	76

* Including Patients at Colony Houses—Cobourg 30, Orillia 8.

TABLE No. 5

CHANGES IN PATIENT POPULATION

April 1, 1939, to March 31, 1940

HOSPITALS	Patients in Hospital			Patients on Probation			Patients Boarding-out			Eloped and Not Discharged			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Brockville	−17	−27	−44	− 5	− 1	− 6	− 2	+ 5	+ 3	− 1	0	− 1	−25	−23	−48
Cobourg	0	−10	−10	0	+ 3	+ 3	0	− 1	− 1	0	− 2	− 2	0	−10	−10
Fort William	− 7	0	− 7	0	0	0	0	0	0	0	0	0	− 7	0	− 7
Hamilton	−159	−120	−279	−12	− 8	−20	− 3	− 3	− 6	0	0	0	−174	−131	−305
Kingston	−40	−19	−59	− 6	− 3	− 9	+ 7	+19	+26	− 1	0	− 1	−40	− 3	−43
Langstaff	+353	0	+353	0	0	0	0	0	0	0	0	0	+353	0	+353
London	−136	−19	−155	+13	+12	+25	− 2	+ 8	+ 6	− 1	0	− 1	−126	+ 1	−125
New Toronto	−193	+ 2	−191	+ 4	− 2	+ 2	+13	+37	+50	+ 1	0	+ 1	−175	+37	−138
Orillia	+ 3	+20	+23	− 2	− 6	− 8	0	− 5	− 5	0	0	0	+ 1	+ 9	+10
Penetang	−11	−23	−34	− 4	+ 2	− 2	+ 4	0	+ 4	0	0	0	−11	−21	−32
St. Thomas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Toronto	−20	−24	−44	+ 3	+15	+18	− 5	− 2	− 7	+ 2	0	+ 2	−20	−11	−31
Whitby	−88	−30	−118	− 3	−19	−22	−19	+ 1	−18	0	0	0	−110	−48	−158
Woodstock	+325	+264	+589	+17	+17	+34	0	0	0	0	0	0	+342	+281	+623
All Hospitals	+10	+14	+24	+ 5	+10	+15	− 7	+59	+52	0	− 2	− 2	+ 8	+81	+89

TABLE No. 6

SUMMARY OF PATIENT POPULATION

YEAR ENDING MARCH 31, 1940

	DIAGNOSIS	ADMISSIONS						DISCHARGES						DEATHS						PATIENTS IN RESIDENCE		
		First Admissions			Re-Admissions			First Admissions			Re-Admissions			First Admissions			Re-Admissions					
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	101	23	124	23	5	28	54	15	69	13	4	17	39	8	47	4	0	4	407	86	493
	02. With other forms of Syphilis	5	0	5	0	1	1	4	1	5	0	0	0	0	0	0	0	0	0	20	10	30
	03. With Epidemic Encephalitis	6	2	8	1	2	3	6	0	6	2	0	2	2	0	2	0	0	0	23	17	40
	04. With other Infectious Diseases	5	6	11	0	0	0	2	2	4	0	0	0	3	5	8	0	0	0	1	5	6
	05. Alcoholic Psychoses	32	10	42	13	2	15	30	4	34	9	2	11	2	2	4	0	0	0	44	13	57
	06a. Due to Opium and Other Drugs	3	20	23	1	2	3	0	9	9	1	1	2	0	3	3	0	0	0	2	2	4
	06b. Due to other Exogenous Toxins	0	0	0	1	0	1	2	5	7	0	1	1	0	1	1	0	0	0	1	0	1
	07. Traumatic Psychoses	12	0	12	0	0	0	7	0	7	0	0	0	3	1	4	0	0	0	20	3	23
	08. With Cerebral Arteriosclerosis	125	88	213	7	9	16	27	32	59	8	5	13	80	53	133	10	3	13	176	161	337
	09. With other Disturbances of Circulation	9	7	16	0	0	0	3	4	7	0	0	0	8	2	10	0	0	0	2	6	8
	10. With Convulsive Disorders (Epilepsy)	26	25	51	4	5	9	16	10	26	8	1	9	13	11	24	2	2	4	217	192	409
	11. Senile Psychoses	81	92	173	3	7	10	14	14	28	1	0	1	79	80	159	3	6	9	141	223	364
	12. Involutional Psychoses	38	96	134	3	12	15	20	51	71	3	5	8	7	14	21	0	1	1	77	193	270
	13. Due to other Metabolic, etc., Diseases	15	33	48	0	1	1	10	27	37	1	4	5	6	9	15	0	0	0	12	48	60
	14. Due to New Growth	2	2	4	0	0	0	0	0	0	0	0	0	2	2	4	0	0	0	0	0	0
	15. With Organic Changes of Nervous System	5	2	7	1	0	1	2	2	4	0	1	1	3	7	10	0	1	1	42	22	64
	16. Psychoneuroses	52	70	122	14	18	32	44	64	108	9	17	26	1	1	2	0	0	0	37	56	93
	17. Manic-Depressive Psychoses	137	188	325	93	115	208	138	159	297	78	88	166	26	35	61	16	12	28	498	665	1,163
	18. Dementia Praecox (Schizophrenia)	279	245	524	104	85	189	254	193	447	80	58	138	67	88	155	10	14	24	3,301	3,192	6,493
	19. Paranoia and Paranoid Conditions	28	15	43	4	4	8	17	13	30	6	0	6	5	3	8	0	0	0	100	133	233
	20. With Psychopathic Personality	2	3	5	1	3	4	4	1	5	0	2	2	0	0	0	0	0	0	14	13	27
	21. With Mental Deficiency	30	20	50	9	13	22	14	18	32	11	7	18	10	8	18	1	1	2	311	288	599
	22. Undiagnosed Psychoses	17	9	26	1	3	4	10	8	18	2	2	4	4	3	7	0	1	1	18	17	35
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	28	19	47	9	2	11	.....	.....	.....	.....	.....	.....	1	0	1	2	1	3	68	47	115
	231b. Epileptics who are Feebleminded	42	18	60	2	3	5	.....	.....	.....	.....	.....	.....	16	10	26	3	4	7	206	241	447
	232. Alcoholism	50	6	56	31	3	34	.....	.....	.....	.....	.....	.....	0	0	0	0	0	0	6	3	9
	233. Drug Addiction	11	2	13	9	3	12	.....	.....	.....	.....	.....	.....	1	0	1	0	1	1	5	0	5
	234. Mental Deficiency	150	182	332	19	24	43	.....	.....	.....	.....	.....	.....	25	22	47	2	2	4	1,425	1,459	2,884
	235. Disorders of Personality	0	2	2	1	0	1	.....	.....	.....	.....	.....	.....	0	0	0	0	0	0	3	5	8
	236. Psychopathic Personality	25	2	27	3	0	3	.....	.....	.....	.....	.....	.....	0	0	0	0	0	0	20	1	21
	237. Other Non-Psychotic Conditions	4	2	6	0	0	0	.....	.....	.....	.....	.....	.....	0	0	0	0	0	0	4	2	6
	24. Primary Behaviour Disorders	8	10	18	3	1	4	.....	.....	.....	.....	.....	.....	0	0	0	0	0	0	4	6	10
	25. Without Mental Disorder	13	1	14	0	0	0	.....	.....	.....	.....	.....	.....	0	0	0	0	0	0	0	0	0
	TOTAL 1–22	1,010	956	1,966	283	287	570	676	634	1,310	232	198	430	360	336	696	46	41	87	5,464	5,345	10,809
	TOTAL 23–24	331	244	575	77	36	113	251	170	421	78	18	96	43	32	75	7	8	15	1,741	1,764	3,505
	GRAND TOTAL	1,341	1,200	2,541	360	323	683	927	804	1,731	310	216	526	403	368	771	53	49	102	7,205	7,109	14,314

TABLE No. 7

PLACE OF RESIDENCE (COUNTY OR DISTRICT) OF FIRST ADMISSIONS, RE-ADMISSIONS AND PATIENTS IN RESIDENCE

COUNTY OR DISTRICT	First Admissions			Re-Admissions			Patients in Residence*		
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Addington	1	0	1	0	1	1	0	0	0
Algoma	17	9	26	2	1	3	93	86	179
Brant	13	21	34	3	4	7	92	94	186
Bruce	17	8	25	4	1	5	79	76	155
Carleton	57	70	127	10	16	26	328	377	705
Cochrane	32	13	45	2	2	4	133	66	199
Dufferin	4	2	6	0	3	3	18	32	50
Dundas	6	3	9	0	1	1	23	16	39
Durham	9	14	23	5	1	6	48	59	107
Elgin	13	19	32	3	5	8	74	87	161
Essex	41	38	79	10	16	26	274	251	525
Frontenac	33	21	54	15	6	21	155	91	246
Glengarry	8	5	13	4	2	6	51	34	85
Grenville	10	9	19	1	2	3	51	49	100
Grey	15	16	31	3	5	8	109	98	207
Haldimand	11	5	16	1	1	2	39	39	78
Haliburton	6	2	8	0	0	0	6	7	13
Halton	10	6	16	1	3	4	43	35	78
Hastings	30	27	57	9	6	15	128	118	246
Huron	19	17	36	2	4	6	70	79	149
Kenora	9	5	14	1	2	3	46	27	73
Kent	15	23	38	4	5	9	119	105	224
Lambton	18	23	41	4	6	10	110	109	219
Lanark	12	9	21	5	7	12	78	72	150
Leeds	13	14	27	4	9	13	82	93	175
Lennox	8	5	13	2	1	3	44	48	92
Lincoln	10	16	26	0	2	2	99	90	189
Manitoulin	5	1	6	0	0	0	12	13	25
Middlesex	48	43	91	12	18	30	255	325	580
Muskoka	8	4	12	3	3	6	42	41	83
Nipissing	21	12	33	3	2	5	138	62	200
Norfolk	10	11	21	2	2	4	46	52	98
Northumberland	6	9	15	8	4	12	69	63	132
Ontario	22	21	43	11	2	13	110	91	201
Oxford	10	21	31	9	8	17	83	84	167
Parry Sound	7	6	13	5	0	5	73	59	132
Peel	9	5	14	5	3	8	45	54	99
Perth	13	18	31	4	7	11	79	92	171
Peterborough	23	9	32	3	5	8	57	77	134
Prescott	10	8	18	3	3	6	69	44	113
Prince Edward	12	9	21	3	3	6	38	31	69
Rainy River	4	20	24	1	1	2	38	22	60
Renfrew	20	3	23	2	6	8	116	114	230
Russell	7	6	13	5	1	6	46	28	74
Simcoe	32	32	64	11	4	15	197	189	386
Stormont	9	9	18	2	5	7	58	56	114
Sudbury	21	6	27	4	2	6	137	76	213
Temiskaming	18	16	34	5	2	7	93	47	140
Thunder Bay	53	19	72	13	1	14	231	125	356
Victoria	9	6	15	0	4	4	52	58	110
Waterloo	30	29	59	5	3	8	111	139	250
Welland	21	21	42	11	5	16	132	129	261
Wellington	20	15	35	3	2	5	124	120	244
Wentworth	68	63	131	24	16	40	423	402	825
York	361	374	735	106	97	203	1,892	2,250	4,142
Patricia	0	1	1	0	0	0	1	2	3
Other Provinces	20	2	22	1	0	1	24	15	39
Other Countries	2	0	2	0	2	2	7	1	8
Unascertained	5	1	6	1	0	1	15	10	25
TOTAL	1,341	1,200	2,541	360	323	683	7,205	7,109	14,314

* Includes Patients Boarding-out.

TABLE No. 8

RELIGION OF FIRST ADMISSIONS AND PATIENTS IN RESIDENCE

RELIGION	First Admissions			In Residence‡		
	Male	Female	Total	Male	Female	Total
Baptist	51	74	125	302	364	666
Church of England	273	257	530	1,241	1,425	2,666
Hebrew	31	27	58	146	151	297
Presbyterian	145	121	266	855	921	1,776
Roman Catholic	351	252	603	2,044	1,515	3,559
United Church	285	316	601	1,360	1,594	2,954
Lutheran	34	18	52	151	89	240
Greek Cathoilc	9	0	9	5	0	5
Methodist	4	0	4	31	48	79
Salvation Army	0	1	1	10	10	20
Other Denominations	122	99	221	682	651	1,333
Unascertained	36	35	71	378	341	719
TOTAL	1,341	1,200	2,541	7,205	7,109	14,314

‡Includes Patients Boarding-out

CHURCH SERVICES AND ATTENDANCE

CHURCH SERVICES	Number Held	Attendance		
		Male	Female	Total
Protestant	618	29,597	53,562	83,159
Catholic	557	7,691	7,357	15,048

TABLE No. 9

PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		Total			Under 10			10–14			15–19			20–24			25–29			30–34			35–39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	407	86	493							3	2	5	5	1	6	6	5	11	11	5	16	51	17	68
	02. With other forms of Syphilis	20	10	30													0	1	1				1	0	1
	03. With Epidemic Encephalitis	23	17	40							0	1	1	2	2	4	3	2	5	0	3	3	5	4	9
	04. With other Infectious Diseases	1	5	6							0	2	2										0	1	1
	05. Alcoholic Psychoses	44	13	57										1	0	1				2	1	3	5	3	8
	06a. Due to Opium and Other Drugs	2	2	4																					
	06b. Due to other Exogenous Toxins	1	0	1																					
	07. Traumatic Psychoses	20	3	23										1	0	1	2	0	2	3	0	3	2	1	3
	08. With Cerebral Arteriosclerosis	176	161	337																					
	09. With other Disturbances of Circulation	2	6	8																					
	10. With Convulsive Disorders (Epilepsy)	217	192	409	0	1	1	0	2	2	7	2	9	15	10	25	20	19	39	21	26	47	31	19	50
	11. Senile Psychoses	141	223	364																					
	12. Involutional Psychoses	77	193	270																			0	2	2
	13. Due to other Metabolic, etc., Diseases	12	48	60							1	1	2	1	2	3	0	2	2	0	2	2	2	8	10
	14. Due to New Growth	0	0	0																					
	15. With Organic Changes of Nervous System	42	22	64										4	2	6	2	2	4	4	0	4	3	1	4
	16. Psychoneuroses	37	56	93							0	1	1	3	3	6	2	5	7	5	2	7	2	15	17
	17. Manic-Depressive Psychoses	498	665	1,163							1	4	5	9	9	18	18	19	37	25	32	57	46	53	99
	18. Dementia Praecox (Schizophrenia)	3,301	3,192	6,493							32	19	51	137	66	203	278	172	450	387	238	625	56	320	776
	19. Paranoia and Paranoid Conditions	100	133	233													0	1	1	5	0	5	10	4	14
	20. With Psychopathic Personality	14	13	27							1	1	2				3	2	5	2	1	3	2	0	2
	21. With Mental Deficiency	311	288	599							7	6	13	16	13	29	36	30	66	36	25	61	38	38	76
	22. Undiagnosed Psychoses	18	17	35										1	0	1	0	1	1	1	1	2	1	3	4
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	68	47	115	1	1	2	5	1	6	6	4	10	12	6	18	8	11	19	5	4	9	7	11	18
	231b. Epileptics who are Feebleminded	206	241	447	12	7	19	32	28	60	47	46	93	32	35	67	21	32	53	21	26	47	16	14	30
	232. Alcoholism	6	3	9																1	0	1	1	1	2
	233. Drug Addiction	5	0	5													1	0	1						
	234. Mental Deficiency	1,425	1,459	2,884	93	49	142	169	103	272	290	292	582	214	239	453	159	171	330	106	129	235	90	116	206
	235. Disorders of Personality	3	5	8													0	1	1	2	1	3			
	236. Psychopathic Personality	20	1	21													4	0	4	4	1	5	4	0	4
	237. Other Non-Psychotic Conditions	4	2	6																1	0	1	1	1	2
	24. Primary Behaviour Disorders	4	6	10	2	0	2				0	1	1	0	3	3	1	0	1				1	0	1
	Total 1–22	5,464	5,345	10,809	0	1	1	0	2	2	52	39	91	195	108	303	370	261	631	502	336	838	655	489	1,144
	Total 23–24	1,741	1,764	3,505	108	57	165	206	132	338	343	343	686	258	283	541	194	215	409	140	161	301	120	143	263
	GRAND TOTAL	7,205	7,109	14,314	108	58	166	206	134	340	395	382	777	453	391	844	564	476	1,040	642	497	1,139	775	632	1,407

TABLE No. 9—(Concluded)

PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40–44			45–49			50–54			55–59			60–64			65–69			70 and over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	87	12	99	77	17	94	71	13	84	50	5	55	30	4	34	9	3	12	4	2	6	3	0	3
	02. With other forms of Syphilis	4	3	7	5	2	7	4	1	5	3	1	4	3	2	5									
	03. With Epidemic Encephalitis	5	2	7	3	1	4				2	0	2	1	0	1	1	1	2	1	1	2			
	04. With other Infectious Diseases	0	1	1				1	0	1	0	1	1												
	05. Alcoholic Psychoses	7	0	7	2	0	2	7	2	9	5	3	8	10	3	13	3	0	3	2	1	3			
	06a. Due to Opium and Other Drugs				0	1	1	1	1	2				1	0	1									
	06b. Due to other Exogenous Toxins				1	0	1																		
	07. Traumatic Psychoses	2	1	3	2	0	2	2	0	2	2	0	2	1	1	2	3	0	3						
	08. With Cerebral Arteriosclerosis	0	1	1	1	3	4	5	8	13	25	13	38	38	35	73	33	31	64	72	70	142	2	0	2
	09. With other Disturbances of Circulation							0	2	2	1	0	1	0	1	1	0	3	3	1	0	1			
	10. With Convulsive Disorders (Epilepsy)	29	20	49	28	29	57	20	19	39	17	15	32	13	10	23	8	8	16	7	12	19	1	0	1
	11. Senile Psychoses				1	0	1	1	1	2	0	4	4	17	6	23	27	34	61	95	177	272	0	1	1
	12. Involutional Psychoses	1	7	8	5	29	34	8	32	40	16	47	63	28	31	59	15	20	35	4	24	28	0	1	1
	13. Due to other Metabolic, etc., Diseases	0	5	5	0	5	5	1	7	8	4	6	10	1	4	5	0	5	5	2	1	3			
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System	4	7	11	8	2	10	7	2	9	3	2	5	1	2	3	2	1	3	4	1	5			
	16. Psychoneuroses	9	7	16	3	7	10	4	9	13	2	5	7	2	0	2	3	1	4	2	1	3			
	17. Manic-Depressive Psychoses	48	68	116	55	83	138	68	102	170	75	91	166	76	84	160	41	50	91	34	69	103	2	1	3
	18. Dementia Praecox (Schizophrenia)	411	413	824	432	407	839	366	424	790	297	365	662	215	296	511	153	208	361	107	232	339	30	32	62
	19. Paranoia and Paranoid Conditions	12	12	24	14	17	31	13	26	39	11	23	34	15	23	38	11	11	22	9	16	25			
	20. With Psychopathic Personality	1	2	3	0	4	4	2	1	3	1	2	3	2	0	2									
	21. With Mental Deficiency	37	42	79	36	32	68	32	31	63	32	30	62	20	21	41	12	10	22	7	8	15	2	2	4
	22. Undiagnosed Psychoses	2	3	5	3	2	5	5	0	5	2	4	6	2	1	3				1	2	3			
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	3	2	5	2	1	3	4	0	4	6	4	10	5	2	7	4	0	4						
	231b. Epileptics who are Feebleminded	6	26	32	12	11	23	4	7	11	1	3	4	1	4	5	1	0	1	0	1	1	0	1	1
	232. Alcoholism				0	2	2	2	0	2				1	0	1				1	0	1			
	233. Drug Addiction	1	0	1	1	0	1	2	0	2															
	234. Mental Deficiency	85	75	160	67	79	146	40	69	109	54	48	102	22	48	70	14	25	39	14	18	32	4	2	6
	235. Disorders of Personality	1	0	1	0	2	2										0	1	1						
	236. Psychopathic Personality				2	0	2	2	0	2	1	0	1	2	0	2	1	0	1						
	237. Other Non-Psychotic Conditions	1	0	1							1	0	1	0	1	1									
	24. Primary Behaviour Disorders							0	2	2															
	Total 1–22	659	606	1,265	676	641	1,317	618	681	1,299	548	617	1,165	476	524	1,000	321	386	707	352	617	969	40	37	77
	Total 23–24	97	103	200	84	95	179	54	78	132	63	55	118	35	51	86	20	26	46	15	19	34	4	3	7
	GRAND TOTAL	756	709	1,465	760	736	1,496	672	759	1,431	611	672	1,283	511	575	1,086	341	412	753	367	636	1,003	44	40	84

TABLE No. 10

PATIENTS IN RESIDENCE BY HOSPITAL AND AGE

Age Group	TOTAL			Brockville			Cobourg			Fort William			Hamilton			Kingston			Langstaff		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15	314	192	506	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
15–19	395	382	777	4	5	9	0	72	72	2	0	2	7	6	13	11	3	14	4	0	4
20–24	453	391	844	27	18	45	0	87	87	8	0	8	35	14	49	30	10	40	10	0	10
25–29	564	476	1,040	45	30	75	0	38	38	10	0	10	50	35	85	39	9	48	26	0	26
30–34	642	497	1,139	48	37	85	0	32	32	7	0	7	59	42	101	54	15	69	43	0	43
35–39	775	632	1,407	58	56	114	0	29	29	6	0	6	81	50	131	72	59	131	50	0	50
40–44	756	709	1,465	76	69	145	0	15	15	16	0	16	83	97	180	68	74	142	55	0	55
45–49	760	736	1,496	67	64	131	0	19	19	10	0	10	90	80	170	83	74	157	50	0	50
50–54	672	759	1,431	59	67	126	0	24	24	10	0	10	81	81	162	61	79	140	40	0	40
55–59	611	672	1,283	44	57	101	0	31	31	9	0	9	71	81	152	66	79	145	39	0	39
60–64	511	575	1,086	50	49	99	0	24	24	4	0	4	59	61	120	54	64	118	23	0	23
65–69	341	412	753	31	36	67	0	25	25	3	0	3	54	46	100	35	42	77	13	0	13
70 and over	367	636	1,003	44	56	100	0	42	42	5	0	5	52	84	136	44	57	101	0	0	0
Not stated	44	40	84	2	2	4	0	0	0	0	0	0	1	1	2	5	2	7	0	0	0
All Ages	7,205	7,109	14,314	555	546	1,101	0	438	438	90	0	90	723	679	1,402	622	567	1,189	353	0	353

TABLE No. 10—(Concluded)

PATIENTS IN RESIDENCE BY HOSPITAL AND AGE

AGE GROUP	London			New Toronto			Orillia			Penetang			Toronto			Whitby			Woodstock		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 15	0	0	0	0	0	0	299	179	478	0	0	0	0	0	0	1	0	1	14	12	26
15–19	7	5	12	7	9	16	284	240	524	27	4	31	10	9	19	5	3	8	27	26	53
20–24	20	19	39	46	24	70	158	137	295	39	10	49	20	16	36	26	14	40	34	42	76
25–29	53	47	100	63	45	108	88	114	202	27	19	46	32	29	61	70	48	118	61	62	123
30–34	69	51	120	74	69	143	58	75	133	43	23	66	57	48	105	58	52	110	72	53	125
35–39	77	75	152	81	78	159	46	58	104	52	17	69	83	66	149	85	80	165	84	64	148
40–44	100	93	193	89	76	165	28	36	64	31	17	48	73	73	146	83	93	176	54	66	120
45–49	84	109	193	77	85	162	19	40	59	38	33	71	85	71	156	101	108	209	56	53	109
50–54	74	104	178	83	87	170	13	32	45	44	28	72	57	80	137	102	136	238	48	41	89
55–59	78	90	168	72	80	152	13	21	34	30	32	62	52	68	120	89	101	190	48	32	80
60–64	60	71	131	57	67	124	3	28	31	16	31	47	48	47	95	93	95	188	44	38	82
65–69	63	66	129	30	56	86	1	11	12	11	9	20	27	32	59	47	67	114	26	22	48
70 and over	58	106	164	40	69	109	3	13	16	5	5	10	45	64	109	45	107	152	26	33	59
Not stated	0	0	0	6	3	9	1	1	2	0	1	1	1	0	1	1	1	2	27	29	56
All Ages	743	836	1,579	725	748	1,473	1,014	985	1,999	363	229	592	590	603	1,193	806	905	1,711	621	573	1,194

TABLE No. 11

PATIENTS IN RESIDENCE BY HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	TOTAL			BROCKVILLE			COBOURG			FORT WILLIAM			HAMILTON			KINGSTON			LANGSTAFF		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	407	86	493	51	9	60				7	0	7	62	9	71	25	7	32	2	0	2
	02. With other forms of Syphilis	20	10	30	1	1	2										2	0	2			
	03. With Epidemic Encephalitis	23	17	40	1	1	2							2	0	2	4	1	5			
	04. With other Infectious Diseases	1	5	6	0	1	1										1	0	1			
	05. Alcoholic Psychoses	44	13	57	2	2	4	0	1	1				4	2	6	0	1	1	4	0	4
	06a. Due to Opium and Other Drugs	2	2	4																		
	06b. Due to other Exogenous Toxins	1	0	1																		
	07. Traumatic Psychoses	20	3	23	2	0	2							4	0	4	1	0	1	1	0	1
	08. With Cerebral Arteriosclerosis	176	161	337	28	13	41	0	1	1	5	0	5	36	48	84	5	4	9	4	0	4
	09. With other Disturbances of Circulation	2	6	8										0	1	1						
	10. With Convulsive Disorders (Epilepsy)	217	192	409	3	2	5				3	0	3	10	5	15	9	5	14			
	11. Senile Psychoses	141	223	364	28	25	53	0	11	11	4	0	4	16	18	34	19	24	43	1	0	1
	12. Involutional Psychoses	77	193	270	8	22	30	0	3	3				14	24	38	3	12	15	2	0	2
	13. Due to other Metabolic, etc., Diseases	12	48	60	0	4	4				1	0	1	1	10	11	0	4	4			
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System	42	22	64	2	0	2	0	1	1				8	4	12	5	0	5			
	16. Psychoneuroses	37	56	93	2	8	10							8	13	21	10	8	18	1	0	1
	17. Manic-Depressive Psychoses	498	665	1,163	43	63	106	0	6	6	5	0	5	45	59	104	69	65	134	15	0	15
	18. Dementia Praecox (Schizophrenia)	3,301	3,192	6,493	312	335	647	0	108	108	50	0	50	388	405	793	322	311	633	218	0	218
	19. Paranoia and Paranoid Conditions	100	133	233	4	4	8	0	2	2	4	0	4	10	7	17	20	29	49	8	0	8
	20 With Psychopathic Personality	14	13	27	1	0	1							1	1	2	2	1	3	1	0	1
	21. With Mental Deficiency	311	288	599	32	30	62	0	15	15	2	0	2	46	36	82	52	50	102	32	0	32
	22. Undiagnosed Psychoses	18	17	35	1	0	1							1	0	1	2	0	2	1	0	1
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	68	47	115	2	2	4							2	0	2	2	1	3			
	231b. Epileptics who are Feebleminded	206	241	447	4	1	5				2	0	2				1	0	1	1	0	1
	232. Alcoholism	6	3	9	2	0	2															
	233. Drug Addiction	5	0	5							1	0	1	1	0	1	1	0	1			
	234. Mental Deficiency	1,425	1,459	2,884	23	23	46	0	288	288	6	0	6	62	36	98	67	44	111	61	0	61
	235. Disorders of Personality	3	5	8										0	1	1						
	236. Psychopathic Personality	20	1	21	2	0	2							2	0	2				1	0	1
	237. Other Non-Psychotic Conditions	4	2	6	1	0	1															
	24. Primary Behaviour Disorders	4	6	10				0	2	2												
	TOTAL 1–22	5,464	5,345	10,809	521	520	1,041	0	148	148	81	0	81	656	642	1,298	551	522	1,073	290	0	290
	TOTAL 23–24	1,741	1,764	3,505	34	26	60	0	290	290	9	0	9	67	37	104	71	45	116	63	0	63
	GRAND TOTAL	7,205	7,109	14,314	555	546	1,101	0	438	438	90	0	90	723	679	1,402	622	567	1,189	353	0	353

TABLE No. 11—(Concluded)

PATIENTS IN RESIDENCE BY HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	LONDON			NEW TORONTO			ORILLIA			PENETANG			ST. THOMAS			TORONTO			WHITBY			WOODSTOCK		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	61	11	72	44	19	63										94	25	119	42	3	45	19	3	22
	02. With other forms of Syphilis	1	4	5	0	2	2				4	1	5				7	2	9	4	0	4	1	0	1
	03. With Epidemic Encephalitis	4	5	9	7	6	13										0	4	4	4	0	4	1	0	1
	04. With other Infectious Diseases				0	1	1										0	2	2				0	1	1
	05. Alcoholic Psychoses	4	0	4	5	2	7										6	5	11	18	0	18	1	0	1
	06a. Due to Opium and Other Drugs	0	1	1	1	1	2										1	0	1						
	06b. Due to other Exogenous Toxins				1	0	1																		
	07. Traumatic Psychoses	3	1	4	2	1	3				1	0	1				2	1	3	4	0	4			
	08. With Cerebral Arteriosclerosis	22	18	40	14	15	29										35	33	68	10	22	32	17	7	24
	09. With other Disturbances of Circulation																0	1	1	1	4	5	1	0	1
	10. With Convulsive Disorders (Epilepsy)	9	3	12	3	8	11	2	1	3	14	4	18				4	7	11	4	3	7	156	154	310
	11. Senile Psychoses	23	44	67	15	40	55				1	0	1				14	22	36	18	37	55	2	2	4
	12. Involutional Psychoses	4	32	36	7	30	37										9	17	26	28	47	75	2	6	8
	13. Due to other Metabolic, etc., Diseases	2	9	11	1	3	4										2	4	6	5	14	19			
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System	8	5	13	1	0	1				3	0	3				11	9	20	4	3	7			
	16. Psychoneuroses	1	12	13	1	3	4				0	1	1				6	4	10	4	7	11	4	0	4
	17. Manic-Depressive Psychoses	61	119	180	85	97	182				39	21	60				33	57	90	89	161	250	14	17	31
	18. Dementia Praecox (Schizophrenia)	435	487	922	419	429	848	1	2	3	156	100	256				289	335	624	489	499	988	222	181	403
	19. Paranoia and Paranoid Conditions	11	14	25	16	17	33				5	1	6				4	4	8	18	52	70	0	3	3
	20. With Psychopathic Personality	1	4	5	0	3	3				5	0	5				1	0	1	2	3	5	0	1	1
	21. With Mental Deficiency	45	30	75	24	20	44	1	22	23	12	6	18				33	46	79	27	27	54	5	6	11
	22. Undiagnosed Psychoses	5	3	8	4	9	13										2	3	5	2	2	4			
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded				2	0	2				8	0	8				0	1	1	1	1	2	51	42	93
	231b. Epileptics who are Feebleminded				1	0	1	100	109	209	2	3	5				1	0	1				94	128	222
	232. Alcoholism										1	0	1							3	3	6			
	233. Drug Addiction	1	0	1																1	0	1			
	234. Mental Deficiency	39	33	72	70	39	109	907	851	1,758	101	89	190				34	20	54	26	14	40	29	22	51
	235. Disorders of Personality	1	0	1	0	1	1				1	3	4							1	0	1			
	236. Psychopathic Personality	2	0	2	1	0	1				10	0	10				1	1	2	1	0	1			
	237. Other Non-Psychotic Conditions				1	2	3										1	0	1				1	0	1
	24. Primary Behaviour Disorders	0	1	1				3	0	3										0	3	3	1	0	1
	TOTAL 1–22	700	802	1,502	650	706	1,356	4	25	29	240	134	374				553	581	1,134	773	884	1,657	445	381	826
	TOTAL 23–24	43	34	77	75	42	117	1,010	960	1,970	123	95	218				37	22	59	33	21	54	176	192	368
	GRAND TOTAL	743	836	1,579	725	748	1,473	1,014	985	1,999	363	229	592				590	603	1,193	806	905	1,711	621	573	1,194

TABLE No. 12

METHOD OF ADMISSION BY HOSPITAL

	METHOD OF ADMISSION	ALL HOSPITALS			BROCKVILLE			COBOURG			FORT WILLIAM			HAMILTON			KINGSTON			LONDON		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
FIRST ADMISSIONS	Voluntary Application	79	68	147	2	5	7				1	0	1	2	1	3	13	8	21	14	16	30
	Two Physicians' Certificates	804	972	1,776	83	97	180	0	48	48	15	0	15	107	148	255	61	68	129	109	154	263
	Warrant of Deputy Minister	258	101	359				0	5	5	35	0	35	27	11	38	9	1	10	11	4	15
	Warrant of Lieutenant-Governor	27	31	58	1	0	1	0	12	12	3	0	3	0	1	1	1	0	1			
	Order of Magistrate	109	15	124	16	2	18				10	0	10	29	10	39	13	1	14	26	2	28
	Warrant of Minister of Justice	4	0	4													3	0	3			
	Warrant of Deputy Minister for Person Deported	6	3	9										1	0	1	1	2	3	1	0	1
	Habitue—Voluntary	42	7	49	2	0	2							3	0	3	2	0	2	4	2	6
	Habitue—Temporary Committment—Two Physicians' Certificates—30 Days	5	3	8																1	0	1
	Habitue—Warrant of Deputy Minister for Removal	4	0	4	1	0	1															
	Inspectors' Warrant	3	0	3																		
	TOTAL	1,311	1,200	2,541	105	101	209	0	65	65	61	0	64	169	171	340	103	80	183	166	178	344
RE-ADMISSIONS	Voluntary Application	61	48	109	7	8	15				5	0	5	3	0	3	12	10	22	4	8	12
	Two Physicians' Certificates	169	241	410	20	31	51	0	1	1	1	0	1	23	32	55	18	19	37	28	57	85
	Warrant of Deputy Minister	61	24	85				0	2	2	6	0	6	10	5	15	3	0	3	3	1	4
	Warrant of Lieutenant-Governor	9	1	10							1	0	1	2	0	2	1	0	1			
	Order of Magistrate	23	2	25	1	0	1				1	0	1	9	1	10	1	0	1	9	1	10
	Warrant of Minister of Justice	1	0	1																		
	Warrant of Deputy Minister for Person Deported	1	3	4	1	1	2													0	1	1
	Habitue—Voluntary	28	1	29													3	0	3	2	0	2
	Habitue—Temporary Committment—Two Physicians' Certificates—30 Days	2	1	3																1	0	1
	Habitue—Warrant of Deputy Minister for Removal	5	2	7																1	0	1
	Inspectors' Warrant	0	0	0																		
	TOTAL	360	323	683	29	40	69	0	3	3	14	0	14	47	38	85	38	29	67	48	68	116

TABLE No. 12—(Concluded)

METHOD OF ADMISSION BY HOSPITAL

	Method of Admission	New Toronto			Orillia			Penetang			St. Thomas			Toronto			Whitby			Woodstock		
		M.	F.	T.	M.	F.	T.	M.	F.	T	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
First Admissions	Voluntary Application	7	2	9										9	3	12	26	25	51	5	8	13
	Two Physicians' Certificates	74	92	166	94	67	161	4	2	6				97	106	203	99	151	250	61	39	100
	Warrant of Deputy Minister	78	44	122	7	3	10							44	20	64	41	12	53	6	1	7
	Warrant of Lieutenant-Governor	6	0	6	6	12	18	2	0	2				2	5	7	4	0	4	2	1	3
	Order of Magistrate	7	0	7										4	0	4	4	0	4			
	Warrant of Minister of Justice							1	0	1												
	Warrant of Deputy Minister for Person Deported	0	1	1										3	0	3						
	Habitue—Voluntary	6	0	6													25	5	30			
	Habitue—Temporary Committment—Two Physicians' Certificates—30 Days							1	0	1				1	1	2	2	2	4			
	Habitue—Warrant of Deputy Minister for Removal																3	0	3			
	Inspectors' Warrant																3	0	3			
	Total	178	139	317	107	82	189	8	2	10	0	0	0	160	135	295	207	195	402	74	49	123
Re-Admissions	Voluntary Application	3	3	6				1	0	1	1	0	1	8	2	10	15	17	32	2	0	2
	Two Physicians' Certificates	16	23	39	2	7	9	4	2	6				19	22	41	33	42	75	5	5	10
	Warrant of Deputy Minister	6	7	13	3	0	3	1	0	1				18	6	24	10	3	13	1	0	1
	Warrant of Lieutenant-Governor	1	0	1										1	0	1				3	1	4
	Order of Magistrate													2	0	2						
	Warrant of Minister of Justice							1	0	1												
	Warrant of Deputy Minister for Person Deported	0	1	1																		
	Habitue—Voluntary	5	0	5										3	0	3	15	1	16			
	Habitue—Temporary Committement—Two Physicians' Certificates—30 Days																1	1	2			
	Habitue—Warrant of Deputy Minister for Removal																4	2	6			
	Inspectors' Warrant																					
	Total	31	34	65	5	7	12	7	2	9	1	0	1	51	30	81	78	66	144	11	6	17

TABLE No. 13

METHOD OF ADMISSION — FIRST AND RE-ADMISSIONS

METHOD OF ADMISSION	First Admissions			Re-Admissions		
	M.	F.	T.	M.	F.	T.
1. Voluntary Application (Sec. 19) (Form 1)...	79	68	147	61	48	109
2. Two Physician's Certificates (Sec. 20) Form 2, 3, or 26)................	804	972	1,776	169	241	410
Mentally Ill (Form 2)...................	632	795	1,427	160	225	385
Mentally Defective (Form 3)............	113	139	252	3	11	14
Epileptic (Form 26).....................	59	38	97	6	5	11
3. Warrant of Deputy Minister (Sec. 25-30) (Form 11)..................	258	101	359	61	24	85
4. Warrant of Lieutenant-Governor (Sec. 32)...	27	31	58	9	1	10
5. Order of Magistrate (Sec. 35) (Form 16)....	109*	15	124	23	2	25
Certificated	56	9	65	14	1	15
Discharged to Court	51	6	57	9	1	10
6. Warrant of Minister of Justice (Under Penitentiary Act)	4	0	4	1	0	1
7. Warrant of Deputy Minister for person deported (Sec. 64) (Form 36)............	6	3	9	1	3	4
8. Habitue — Voluntary (Sec. 46) (Form 20)...	42	7	49	28	1	29
9. Habitue—Temporary Committment Two Physician's Certificates, 30 days, (Sec. 52-53) (Form 25)..................	5	3	8	2	1	3
Certificated	1	1	2	0	0	0
Discharged	4	2	6	2	1	3
10. Habitue—Warrant of Deputy Minister for Removal (Sec. 47-51) (Form 24)..........	4	0	4	5	2	7
11. Inspector's Warrant Psychiatric Hospitals Act (Sec. 9 (3) Form 9..................................	3	0	3	0	0	0
Total	1,341	1,200	2,541	360	323	683

*Includes 2 male patients who died

TABLE No. 14

ADMISSIONS BY PLACE OF BIRTH AND NATIVITY OF PARENTS

NATIVITY	First Admissions			Re-Admissions			TOTAL		
	M	F	T	M	F	T	M	F	T
Canadian Born	987	890	1,877	269	249	518	1,256	1.139	2,395
Canadian born parents	536	466	1,002	167	136	303	703	602	1,305
British born parents	170	168	338	48	43	91	218	211	429
Foreign born parents	52	42	94	15	13	28	67	55	122
Mixed parentage	117	100	217	23	29	52	140	129	269
Unknown parentage	112	114	226	16	28	44	128	142	270
British born	172	197	369	45	46	91	217	243	460
Foreign born	179	113	292	45	28	73	224	141	365
Unknown	3	0	3	1	0	1	4	0	4
Total	1,341	1,200	2,541	360	323	683	1,701	1,523	3,224

TABLE No. 15

LENGTH OF RESIDENCE IN CANADA PREVIOUS TO ADMISSIONS

BRITISH AND FOREIGN BORN ADMISSIONS

LENGTH OF RESIDENCE IN CANADA	First Admissions			Re-Admissions			TOTAL		
	M	F	T	M	F	T	M	F	T
Under 5 years	4	4	8	1	1	2	5	5	10
5 - 9 years	7	12	19	0	2	2	7	14	21
10 - 14 years	63	53	116	8	9	17	71	62	133
15 years and over	240	226	466	74	58	132	314	284	598
Not Stated	40	15	55	8	4	12	48	19	67
TOTAL	354	310	664	91	74	165	445	384	829

TABLE No. 16
ADMISSIONS BY CITIZENSHIP

CITIZENSHIP	First Admissions			Re-Admissions			TOTAL		
	M	F	T	M	F	T	M	F	T
Canadian by birth	987	890	1,877	269	249	518	1,256	1,139	2,395
British born who have resided in Canada five years or more	156	187	343	41	39	80	197	226	423
British born with less than five years residence in Canada	0	1	1	1	0	1	1	1	2
British born, length of residence unknown	16	8	24	3	7	10	19	15	34
Alien born (naturalized)	7	6	13	2	0	2	9	6	15
Alien born with five years or more residence in Canada	147	99	246	42	27	69	189	126	315
Alien born with less than five years residence	3	3	6	0	0	0	3	3	6
Alien born, duration of residence unknown	19	6	25	1	1	2	20	7	27
Not given	6	0	6	1	0	1	7	0	7
TOTAL	1,341	1,200	2.541	360	323	683	1,701	1,523	3,224

TABLE 16A
FIRST ADMISSIONS AND READMISSIONS BY AGE AND SEX

AGE GROUP	First Admissions			Re-Admissions			Total Admissions		
	M.	F	T.	M.	F	T.	M.	F	T.
Under 10 years	54	25	79	–	–	–	54	25	79
10 - 14	49	37	86	0	4	4	49	41	90
15 - 19	93	114	207	17	9	26	110	123	233
20 - 24	137	105	242	30	18	48	167	123	290
25 - 29	104	101	205	40	24	64	144	125	269
30 - 34	98	98	196	34	41	75	132	139	271
35 - 39	133	118	251	44	30	74	177	148	325
40 - 44	113	102	215	46	34	80	159	136	295
45 - 49	94	116	210	33	34	67	127	150	277
50 - 54	99	90	189	35	41	76	134	131	265
55 - 59	95	76	171	31	26	57	126	102	228
60 - 64	78	49	127	27	28	55	105	77	182
65 - 69	70	53	123	11	20	31	81	73	154
70 and over	123	115	238	11	14	25	134	129	263
Not Stated	1	1	2	1	0	1	2	1	3
ALL AGES	1,341	1,200	2,541	360	323	683	1,701	1,523	3,224

TABLE No. 17

FIRST AND RE-ADMISSIONS BY DIAGNOSIS

DIAGNOSIS	First Admissions			Re-Admissions		
	M.	F.	T.	M.	F.	T.
01 Psychoses with Syphilitic Meningo-Encephalitis (General Paresis)	101	23	124	23	5	28
02 Psychoses with other Forms of Syphilis of Central Nervous System	5	0	5	0	1	1
021 Meningo-vascular type (cerebral syphilis)	4	0	4	0	1	1
022 With intracranial gumma	0	0	0	0	0	0
023 Other types	1	0	1	0	0	0
03 Psychoses with Epidemic Encephalitis	6	2	8	1	2	3
04 Psychoses with other Infectious Diseases	5	6	11	0	0	0
041 With tuberculous meningitis	0	0	0	0	0	0
042 With meningitis (unspecified)	0	1	1	0	0	0
043 With acute chorea (Sydenham's)	0	1	1	0	0	0
044 With other infectious disease	2	1	3	0	0	0
045 Post-infectious psychoses	3	3	6	0	0	0
05 Alcoholic Psychoses	32	10	42	13	2	15
051 Pathological intoxication	1	0	1	2	0	2
052 Delirium tremens	5	2	7	2	0	2
053 Korsakow's psychosis	5	6	11	1	1	2
054 Acute hallucinosis	16	0	16	5	1	6
055 Other types	5	2	7	3	0	3
06 Psychoses due to Drugs or other Exogenous Poisons	3	20	23	2	2	4
061 Due to metals	0	0	0	1	0	1
062 Due to gases	0	0	0	0	0	0
063 Due to opium and derivatives	0	5	5	0	0	0
064 Due to other drugs	3	15	18	1	2	3
07 Traumatic Psychoses	12	0	12	0	0	0
071 Traumatic delirium	3	0	3	0	0	0
072 Post-traumatic personality disorders	6	0	6	0	0	0
073 Post-traumatic mental deteriorations	2	0	2	0	0	0
074 Other types	1	0	1	7	9	16
08 Psychoses with Cerebral Arteriosclerosis	125	88	213	0	0	0
09 Psychoses with other Disturbances of Circulation	9	7	16	0	0	0
091 With cerebral embolism	1	0	1	0	0	0
092 With cardio-renal disease	2	0	2	0	0	0
093 Other types	6	7	13	0	0	0
10 Psychoses with Convulsive Disorders (epilepsy)	26	25	51	4	5	9
101 Epileptic deterioration	12	11	23	2	4	6
102 Epileptic clouded states	11	11	22	1	0	1
103 Other epileptic types	3	3	6	1	1	2
11 Senile Psychoses	81	92	173	3	7	10
111 Simple deterioration	48	58	106	3	3	6
112 Presbyophrenic type	0	4	4	0	0	0
113 Delirious and confused types	14	7	21	0	2	2
114 Depressed and agitated types	9	8	17	0	0	0
115 Paranoid types	10	15	25	0	2	2
12 Involutional Psychoses	38	96	134	3	12	15
121 Melancholia	34	61	95	2	11	13
122 Paranoid types	4	28	32	1	1	2
123 Other types	0	7	7	0	0	0
13 Psychoses due to other Metabolic, etc., Diseases	15	33	48	0	1	1
131 With diseases of the endocrine glands	0	0	0	0	0	0
132 Exhaustion delirium	1	15	16	0	0	0
133 Alzheimer's disease	1	2	3	0	0	0
134 With pellagra	1	1	2	0	0	0
135 With other somatic diseases	12	15	27	0	1	1
14 Psychoses due to New Growth	2	2	4	0	0	0
141 With intracranial neoplasms	1	1	2	0	0	0
142 With other neoplasms	1	1	2	0	0	0
15 Psychoses with Organic changes of Nervous System	5	2	7	1	0	1
151 With multiple sclerosis	0	0	0	0	0	0
152 With paralysis agitans	1	0	1	0	0	0
153 With Huntington's chorea	3	1	4	1	0	1
154 With other brain or nervous diseases	1	1	2	0	0	0

TABLE No. 17

FIRST AND RE-ADMISSIONS BY DIAGNOSIS—(Concluded)

DIAGNOSIS	First Admissions			Re-Admissions		
	M.	F.	T.	M.	F.	T.
16 Psychoneuroses	52	70	122	14	18	32
161 Hysteria (anxiety hysteria, conversion hysteria and sub groups)	3	17	20	0	6	6
162 Psychasthenia or compulsive states (and subgroups)	2	4	6	1	0	1
163 Neurasthenia	13	6	19	5	7	12
164 Hypochondriasis	1	9	10	1	2	3
165 Reactive depression (simple situational reaction, others)	29	27	56	4	3	7
166 Anxiety state	2	3	5	3	0	3
167 Mixed psychoneurosis	2	4	6	0	0	0
17 Manic-Depressive Psychoses	137	188	325	94	114	208
171 Manic type	56	0	56	50	69	119
172 Depressive type	51	0	51	35	33	68
173 Circular type	1	0	1	1	1	2
174 Mixed type	16	0	16	8	9	17
175 Perplexed type	0	0	0	0	0	0
176 Stuporous type	2	0	2	0	0	0
177 Other types	11	0	11	0	2	2
18 Dementia Praecox (Schizophrenia)	279	245	524	104	85	189
181 Simple type	22	8	30	4	5	9
182 Hebephrenic type	22	19	41	7	7	14
183 Catatonic type	126	116	242	49	36	85
184 Paranoid type	76	86	162	35	29	64
185 Other types	33	16	49	9	8	17
Paranoia and Paranoid Conditions	28	15	43	4	4	8
19191 Paranoia	4	2	6	0	2	2
192 Paranoid conditions	24	13	37	4	2	6
20 Psychoses with Psychopathic Personality	2	3	5	1	3	4
21 Psychoses with Mental Deficiency	30	20	50	9	13	22
22 Undiagnosed Psychoses	17	9	26	1	3	4
23 Without Psychoses	310	233	543	75	35	110
231a Epileptics not psychotic or feebleminded	28	19	47	9	2	11
231b Epileptics who are feebleminded	42	18	60	2	3	5
231 Alcoholism	50	6	56	31	3	34
233 Drug Addiction	11	2	13	9	3	12
234 Mental Deficiency	150	182	332	19	24	43
234a Idiot	26	26	52	0	3	3
234b Imbecile	59	49	108	7	6	13
234c Moron	50	91	141	9	12	21
234d Grade unspecified	15	16	31	3	3	6
235 Disorders of personality due to epidemic encephalitis	0	2	2	1	0	1
236 Psychopathic personality	25	2	27	3	0	3
236a With pathological sexuality	3	0	3	0	0	0
236b With pathological emotionality	7	2	9	0	0	0
236c With asocial or amoral trends	14	0	14	0	0	0
236d Mixed types	1	0	1	3	0	3
237 Other Non-Psychotic Conditions	4	2	6	1	0	1
24 Primary Behaviour Disorders	8	10	18	3	1	4
241 Simple adult maladjustments	6	8	14	3	1	4
242 Primary behaviour disorders in children	0	0	0	0	0	0
242a Habit disturbance	0	0	0	0	0	0
242b Conduct disturbance	2	2	4	0	0	0
242c Neurotic traits	0	0	0	0	0	0
25 Remand Cases	13	1	14	0	0	0
Total 1–22	1,010	956	1,966	283	287	570
Total 23–24	331	244	575	77	36	113
GRAND TOTAL	1,341	1,200	2,541	360	323	683

TABLE No. 18

FIRST ADMISSIONS BY HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	ALL HOSPITALS	Brockville	Cobourg	Fort William	Hamilton	Kingston	London	New Toronto	Orillia	Penetang	Toronto	Whitby	Woodstock
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	124	19	......	3	13	9	11	21	......	......	40	8	......
	02. With other forms of Syphilis	5	......	......	......	1	1	......	1	......	......	2	......	......
	03. With Epidemic Encephalitis	8	......	......	......	2	......	2	2	......	......	1	1	......
	04. With other Infectious Diseases	11	2	......	......	......	1	2	1	......	......	4	......	1
	05. Alcoholic Psychoses	42	1	......	2	4	1	4	12	......	......	5	13	......
	06a. Due to Opium and Other Drugs	23	5	......	......	3	1	6	2	......	......	......	5	1
	06b. Due to other Exogenous Toxins	0	......	......	......	......	......	......	......	......	......	......	......	......
	07. Traumatic Psychoses	12	1	......	......	2	1	2	1	......	......	2	3	......
	08. With Cerebral Arteriosclerosis	213	18	......	7	60	4	30	18	......	......	50	25	1
	09. With other Disturbances of Circulation	16	1	......	......	3	4	......	......	......	......	2	6	......
	10. With Convulsive Disorders (Epilepsy)	51	2	......	......	5	1	3	......	......	......	1	6	33
	11. Senile Psychoses	173	22	......	3	10	14	23	29	......	2	25	45	......
	12. Involutional Psychoses	134	11	......	......	23	10	5	11	......	......	16	58	......
	13. Due to other Metabolic, etc., Diseases	48	2	......	1	5	6	14	6	......	......	5	9	......
	14. Due to New Growth	4	......	......	......	......	......	1	1	......	......	2	......	......
	15. With Organic Changes of Nervous System	7	......	......	......	1	1	2	......	......	......	2	1	......
	16. Psychoneuroses	122	12	......	......	24	27	20	11	......	......	12	15	1
	17. Manic-Depressive Psychoses	325	8	......	2	55	29	83	57	......	1	26	64	......
	18. Dementia Praecox (Schizophrenia)	524	65	......	29	86	32	74	85	......	2	62	86	3
	19. Paranoia and Paranoid Conditions	43	1	......	2	2	12	7	7	......	1	2	9	......
	20. With Psychopathic Personality	5	......	......	......	1	1	2	1	......	......	......	......	......
	21. With Mental Deficiency	50	7	......	3	6	7	8	8	......	......	11	......	......
	22. Undiagnosed Psychoses	26	1	......	1	2	3	8	8	......	......	1	2	......
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	47	......	......	......	......	1	2	3	......	......	......	1	40
	231b. Epileptics who are Feebleminded	60	1	......	......	......	3	2	1	11	......	......	1	41
	232. Alcoholism	56	7	......	......	6	3	7	3	......	1	2	26	1
	233. Drug Addiction	13	......	......	1	......	......	2	2	......	......	......	8	......
	234. Mental Deficiency	332	16	63	4	12	7	16	15	177	3	16	3	......
	235. Disorders of Personality	2	......	......	......	......	......	......	1	......	......	1	......	......
	236. Psychopathic Personality	27	4	......	......	10	2	6	3	......	......	1	......	1
	237. Other Non-Psychotic Conditions	6	1	......	......	......	......	......	2	......	......	3	......	......
	24. Primary Behaviour Disorders	18	2	2	......	4	1	2	......	1	......	1	5	......
	25. Without Mental Disorder	14	......	......	6	......	1	......	5	......	......	......	2	......
	TOTAL 1-22	1,966	178	0	53	308	165	307	282	0	6	271	356	40
	TOTAL 23-25	575	31	65	11	32	18	37	35	189	4	24	46	83
	GRAND TOTAL	2,541	209	65	64	340	183	344	317	189	10	295	402	123

TABLE No. 19

FIRST ADMISSIONS BY PLACE OF RESIDENCE AND DIAGNOSIS

	DIAGNOSIS	URBAN									RURAL (Including incorporated places under 1,000)			TOTAL		
		Population 30,000 and over			Population 10,000 to 30,000			Population 1,000 to 10,000								
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	52	15	67	20	2	22	15	3	18	14	3	17	101	23	124
	02. With other forms of Syphilis	3	0	3	1	0	1				1	0	1	5	0	5
	03. With Epidemic Encephalitis	1	1	2	1	0	1	1	0	1	3	1	4	6	2	8
	04. With other Infectious Diseases	1	2	3				2	1	3	2	3	5	5	6	11
	05. Alcoholic Psychoses	11	6	17	8	0	8	10	2	12	3	2	5	32	10	42
	06a. Due to Opium and Other Drugs	2	9	11	0	4	4	0	3	3	1	4	5	3	20	23
	06b. Due to other Exogenous Toxins															
	07. Traumatic Psychoses	5	0	5	2	0	2	1	0	1	4	0	4	12	0	12
	08. With Cerebral Arteriosclerosis	49	44	93	16	13	29	18	12	30	42	19	61	125	88	213
	09. With other Disturbances of Circulation	5	4	9	0	3	3	2	0	2	2	0	2	9	7	16
	10. With Convulsive Disorders (Epilepsy)	11	6	17	3	5	8	7	4	11	5	10	15	26	25	51
	11. Senile Psychoses	38	49	87	5	17	22	16	11	27	22	15	37	81	92	173
	12. Involutional Psychoses	16	42	58	8	13	21	6	15	21	8	26	34	38	96	134
	13. Due to other Metabolic, etc., Diseases	6	12	18	2	6	8	3	4	7	4	11	15	15	33	48
	14. Due to New Growth	1	0	1				1	1	2	0	1	1	2	2	4
	15. With Organic Changes of Nervous System	3	1	4	2	0	2				0	1	1	5	2	7
	16. Psychoneuroses	14	22	36	9	16	25	6	19	25	23	13	36	52	70	122
	17. Manic-Depressive Psychoses	49	73	122	15	22	37	21	33	54	52	60	112	137	188	325
	18. Dementia Praecox (Schizophrenia)	100	114	214	46	26	72	43	41	84	90	64	154	279	245	524
	19. Paranoia and Paranoid Conditions	9	2	11	4	2	6	7	6	13	8	5	13	28	15	43
	20. With Psychopathic Personality	1	0	1	0	2	2	1	1	2				2	3	5
	21. With Mental Deficiency	9	7	16	5	2	7	5	3	8	11	8	19	30	20	50
	22. Undiagnosed Psychoses	1	4	5	4	1	5	3	3	6	9	1	10	17	9	26
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	8	8	16	6	2	8	4	3	7	10	6	16	28	19	47
	231b. Epileptics who are Feebleminded	13	6	19	4	1	5	8	5	13	17	6	23	42	18	60
	232. Alcoholism	30	4	34	8	2	10	7	0	7	5	0	5	50	6	56
	233. Drug Addiction	6	0	6	4	1	5	1	0	1	0	1	1	11	2	13
	234. Mental Deficiency	66	93	159	16	15	31	20	34	54	48	40	88	150	182	332
	235. Disorders of Personality	0	1	1				0	1	1				0	2	2
	236. Psychopathic Personality	8	0	8	6	1	7	9	0	9	2	1	3	25	2	27
	237. Other Non-Psychotic Conditions	2	1	3	0	1	1	1	0	1	1	0	1	4	2	6
	24. Primary Behaviour Disorders	3	4	7	1	1	2	4	2	6	0	3	3	8	10	18
	25. Without Mental Disorder	0	1	1	3	0	3	5	0	5	5	0	5	13	1	14
	TOTAL 1-22	387	413	800	151	134	285	168	162	330	304	247	551	1,010	956	1,966
	TOTAL 23-25	136	118	254	48	24	72	59	45	104	88	57	145	331	244	575
	GRAND TOTAL	523	531	1,054	199	158	357	227	207	434	392	304	696	1,311	1,200	2,511

TABLE No. 20

FIRST ADMISSIONS BY MARITAL STATUS AND DIAGNOSIS

	DIAGNOSIS	Single			Married			Widowed			Divorced			Separated			Unascertained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	28	5	33	63	13	76	4	2	6	1	3	4	5	0	5				101	23	124
	02. With other forms of Syphilis	3	0	3	2	0	2													5	0	5
	03. With Epidemic Encephalitis	4	0	4	2	2	4													6	2	8
	04. With other Infectious Diseases	2	2	4	2	4	6	1	0	1										5	6	11
	05. Alcoholic Psychoses	16	0	16	15	8	23	1	0	1				0	2	2				32	10	42
	06a. Due to Opium and Other Drugs	0	2	2	2	14	16	1	2	3				0	2	2				3	20	23
	06b. Due to other Exogenous Toxins																					
	07. Traumatic Psychoses	2	0	2	7	0	7	2	0	2				1	0	1				12	0	12
	08. With Cerebral Arteriosclerosis	23	16	39	67	34	101	30	38	68				5	0	5				125	88	213
	09. With other Disturbances of Circulation	0	1	1	8	4	12	1	2	3										9	7	16
	10. With Convulsive Disorders (Epilepsy)	21	17	38	5	7	12	0	1	1										26	25	51
	11. Senile Psychoses	16	14	30	38	22	60	22	54	76	0	2	2	3	0	3	2	0	2	81	92	173
	12. Involutional Psychoses	8	19	27	27	64	91	2	10	12				1	3	4				38	96	134
	13. Due to other Metabolic, etc., Diseases	6	7	13	7	22	29	1	4	5				1	0	1				15	33	48
	14. Due to New Growth	2	0	2	0	2	2													2	2	4
	15. With Organic Changes of Nervous System	3	0	3	1	0	1	1	1	2				0	1	1				5	2	7
	16. Psychoneuroses	15	26	41	30	37	67	4	3	7	3	1	4	0	3	3				52	70	122
	17. Manic-Depressive Psychoses	47	55	102	77	114	191	10	12	22	0	2	2	3	5	8				137	188	325
	18. Dementia Praecox (Schizophrenia)	211	122	333	60	99	159	3	10	13	1	2	3	4	12	16				279	245	524
	19. Paranoia and Paranoid Conditions	8	4	12	16	9	25	2	1	3	0	1	1	1	0	1	1	0	1	28	15	43
	20. With Psychopathic Personality	2	2	4	0	1	1													2	3	5
	21. With Mental Deficiency	22	14	36	4	4	8	2	1	3				1	1	2	1	0	1	30	20	50
	22. Undiagnosed Psychoses	6	2	8	9	7	16	1	0	1				1	0	1				17	9	26
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	22	12	34	6	7	13													28	19	47
	231b. Epileptics who are Feebleminded	41	16	57	1	1	2							0	1	1				42	18	60
	232. Alcoholism	15	0	15	28	4	32	0	1	1	1	0	1	6	1	7				50	6	56
	233. Drug Addiction	5	0	5	4	1	5	0	1	1				2	0	2				11	2	13
	234. Mental Deficiency	144	172	316	4	6	10	2	3	5				0	1	1				150	182	332
	235. Disorders of Personality	0	1	1				0	1	1										0	2	2
	236. Psychopathic Personality	8	1	9	12	1	13				2	0	2	3	0	3				25	2	27
	237. Other Non-Psychotic Conditions	2	0	2	1	2	3				1	0	1							4	2	6
	24. Primary Behaviour Disorders	6	4	10	2	5	7	0	1	1										8	10	18
	25. Without Mental Disorder	8	0	8	4	1	5							1	0	1				13	1	14
	TOTAL 1–22	445	308	753	442	467	909	88	141	229	5	11	16	26	29	55	4	0	4	1,010	956	1,966
	TOTAL 23–25	251	206	457	62	28	90	2	7	9	4	0	4	12	3	15				331	244	575
	GRAND TOTAL	696	514	1,210	501	495	999	90	148	238	9	11	20	38	32	70	4	0	4	1,341	1,200	2,541

TABLE No. 21

FIRST ADMISSIONS BY AGE AND DIAGNOSIS

	DIAGNOSIS	TOTAL			AGE GROUP																				
					Under 10			10–14			15–19			20–24			25–29			30–34			35–39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	101	23	124							1	0	1	3	0	3	5	2	7	2	4	6	20	7	27
	02. With other forms of Syphilis	5	0	5																					
	03. With Epidemic Encephalitis	6	2	8							2	0	2	2	0	2							0	2	2
	04. With other Infectious Diseases	5	6	11										0	1	1	0	1	1				1	3	4
	05. Alcoholic Psychoses	32	10	42										1	0	1	1	1	2	2	1	3	2	3	5
	06a. Due to Opium and Other Drugs	3	20	23													0	1	1	0	2	2	0	2	2
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses	12	0	12													1	0	1				1	0	1
	08. With Cerebral Arteriosclerosis	125	88	213																					
	09. With other Disturbances of Circulation	9	7	16																					
	10. With Convulsive Disorders (Epilepsy)	26	25	51	0	1	1	1	1	2	5	1	6	1	4	5	4	5	9	3	4	7	1	2	3
	11. Senile Psychoses	81	92	173																					
	12. Involutional Psychoses	38	96	134																			0	2	2
	13. Due to other Metabolic, etc., Diseases	15	33	48				1	0	1	1	3	4	0	4	4	1	4	5	0	2	2	3	3	6
	14. Due to New Growth	2	2	4													1	0	1						
	15. With Organic Changes of Nervous System	5	2	7										1	0	1									
	16. Psychoneuroses	52	70	122							1	3	4	6	3	9	4	12	16	9	10	19	10	6	16
	17. Manic-Depressive Psychoses	137	188	325							2	5	7	9	16	25	13	17	30	13	22	35	21	28	49
	18. Dementia Praecox (Schizophrenia)	279	245	524							26	12	38	71	43	114	46	37	83	35	40	75	37	44	81
	19. Paranoia and Paranoid Conditions	28	15	43													0	1	1	2	0	2	7	1	8
	20. With Psychopathic Personality	2	3	5							0	1	1				1	0	1				1	1	2
	21. With Mental Deficiency	30	20	50							3	3	6	7	2	9	2	2	4	3	1	4	4	2	6
	22. Undiagnosed Psychoses	17	9	26										0	1	1	1	1	2	4	2	6	3	3	6
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	28	19	47	1	0	1	3	3	6	7	1	8	6	3	9	3	5	8	3	1	4	2	4	6
	231b. Epileptics who are Feebleminded	42	18	60	12	2	14	11	7	18	8	5	13	4	2	6	2	0	2	4	0	4	1	0	1
	232. Alcoholism	50	6	56										2	0	2	3	0	3	7	0	7	8	2	10
	233. Drug Addiction	11	2	13													1	1	2	2	0	2	1	0	1
	234. Mental Deficiency	150	182	332	40	22	62	33	26	59	33	75	108	14	24	38	11	10	21	6	6	12	4	2	6
	235. Disorders of Personality	0	2	2							0	1	1							0	1	1			
	236. Psychopathic Personality	25	2	27							1	0	1	4	1	5	2	0	2	2	1	3	4	0	4
	237. Other Non-Psychotic Conditions	4	2	6																					
	24. Primary Behaviour Disorders	8	10	18	1	0	1				2	4	6	2	1	3	1	1	2	0	1	1	0	1	1
	25. Without Mental Disorder	13	1	14							1	0	1	4	0	4	1	0	1	1	0	1	2	0	2
	TOTAL 1–22	1,010	956	1,966	0	1	1	2	1	3	41	28	69	101	74	175	80	84	164	73	88	161	111	109	220
	TOTAL 23–25	331	244	575	54	24	78	47	36	83	52	86	138	36	31	67	24	17	41	25	10	35	22	9	31
	GRAND TOTAL	1,341	1,200	2,541	54	25	79	49	37	86	93	114	207	137	105	242	104	101	205	98	98	196	133	118	251

TABLE No. 21—(Concluded)

FIRST ADMISSIONS BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40–44			45–49			50–54			55–59			60–64			65–69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	14	2	16	18	4	22	17	1	18	10	1	11	10	1	11	0	1	1	1	0	1			
	02. With other forms of Syphilis	2	0	2				2	0	2	1	0	1												
	03. With Epidemic Encephalitis	1	0	1							1	0	1												
	04. With other Infectious Diseases	1	1	2				1	0	1	2	0	2												
	05. Alcoholic Psychoses	9	1	10	7	0	7	3	2	5	3	1	4	3	1	4	1	0	1						
	06a. Due to Opium and Other Drugs	0	3	3	0	3	3	0	6	6	0	2	2				3	0	3	0	1	1			
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses	4	0	4	1	0	1	2	0	2	1	0	1				2	0	2						
	08. With Cerebral Arteriosclerosis	0	2	2				3	9	12	16	8	24	24	17	41	29	18	47	53	34	87			
	09. With other Disturbances of Circulation				1	0	1	1	2	3	0	2	2	2	1	3	3	2	5	2	0	2			
	10. With Convulsive Disorders (Epilepsy)	1	2	3	3	2	5	2	1	3	4	1	5	1	0	1	0	1	1						
	11. Senile Psychoses							1	0	1	0	1	1	5	2	7	14	13	27	61	75	136	0	1	1
	12. Involutional Psychoses	0	19	19	6	31	37	7	25	32	11	14	25	10	4	14	4	1	5						
	13. Due to other Metabolic, etc., Diseases	0	3	3	0	3	3	4	4	8	2	5	7				2	2	4	1	0	1			
	14. Due to New Growth	1	0	1				0	1	1				0	1	1									
	15. With Organic Changes of Nervous System				2	0	2	1	1	2	0	1	1				1	0	1						
	16. Psychoneuroses	5	11	16	3	10	13	3	2	5	6	11	17	3	1	4	1	1	2	1	0	1			
	17. Manic-Depressive Psychoses	18	21	39	10	27	37	16	15	31	19	15	34	9	11	20	5	7	12	2	4	6			
	18. Dementia Praecox (Schizophrenia)	25	19	44	17	22	39	12	15	27	3	5	8	4	4	8	1	3	4	1	1	2	1	0	1
	19. Paranoia and Paranoid Conditions	6	3	9	3	4	7	4	3	7	0	1	1	4	1	5	2	1	3						
	20. With Psychopathic Personality	0	1	1																					
	21. With Mental Deficiency	2	4	6	2	1	3	3	0	3	4	2	6	0	2	2	0	1	1						
	22. Undiagnosed Psychoses	4	0	4	2	1	3	1	0	1	1	1	2				1	0	1						
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded							1	1	2	1	1	2	1	0	1									
	231b. Epileptics who are Feebleminded	0	2	2																					
	232. Alcoholism	10	1	11	8	2	10	8	1	9	2	0	2	1	0	1				1	0	1			
	233. Drug Addiction	1	0	1	4	0	4	2	0	2							0	1	1						
	234. Mental Deficiency	2	7	9	3	5	8	1	1	2	3	2	5	0	1	1	0	1	1						
	235. Disorders of Personality																								
	236. Psychopathic Personality	4	0	4	2	0	2	2	0	2	3	0	3	1	0	1									
	237. Other Non-Psychotic Conditions	1	0	1	1	0	1	1	0	1	1	1	2	0	1	1									
	24. Primary Behaviour Disorders				1	1	2				1	1	2												
	25. Without Mental Disorder	2	0	2				1	0	1				0	1	1	1	0	1						
	TOTAL 1–22	93	92	185	75	108	183	83	87	170	84	71	155	75	46	121	69	51	120	122	115	237	1	1	2
	TOTAL 23–25	20	10	30	19	8	27	16	3	19	11	5	16	3	3	6	1	2	3	1	0	1	0	0	0
	GRAND TOTAL	113	102	215	94	116	210	99	90	189	95	76	171	78	49	127	70	53	123	123	115	238	1	1	2

TABLE No. 22

FIRST ADMISSIONS BY RACIAL ORIGIN AND DIAGNOSIS

	DIAGNOSIS	TOTAL			English			Irish			Scotch			French			German			Hebrew			Italian		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M,	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	101	23	124	39	11	50	14	3	17	11	4	15	9	3	12	2	0	2				3	1	4
	02. With other forms of Syphilis	5	0	5	2	0	2	0	0	0	1	0	1												
	03. With Epidemic Encephalitis	6	2	8	0	1	1	3	0	3	1	1	2	1	0	1							1	0	1
	04. With other Infectious Diseases	5	6	11	2	2	4	1	2	3	2	0	2	0	1	1									
	05. Alcoholic Psychoses	32	10	42	7	5	12	14	2	16	5	2	7	3	0	3									
	06a. Due to Opium and Other Drugs	3	20	23	2	11	13	0	2	2	1	4	5	0	3	3									
	06b. Due to other Exogenous Toxins	0	0	0																					
	07. Traumatic Psychoses	12	0	12	4	0	4	4	0	4	2	0	2	1	0	1									
	08. With Cerebral Arteriosclerosis	125	88	213	53	45	98	22	12	34	19	16	35	10	1	11	6	1	7	1	0	1	2	1	3
	09. With other Disturbances of Circulation	9	7	16	5	4	9	1	0	1	2	1	3												
	10. With Convulsive Disorders (Epilepsy)	26	25	51	15	11	26	4	4	8	0	4	4	3	3	6	2	1	3	0	1	1			
	11. Senile Psychoses	81	92	173	33	53	86	19	15	34	16	13	29	3	6	9	3	2	5	0	1	1	1	0	1
	12. Involutional Psychoses	38	96	134	24	43	67	3	15	18	3	16	19	2	6	8	1	4	5	0	2	2			
	13. Due to other Metabolic, etc., Diseases	15	33	48	5	18	23	3	7	10	4	2	6	0	2	2	0	2	2	1	0	1	2	0	2
	14. Due to New Growth	2	2	4	0	1	1							1	0	1							0	1	1
	15. With Organic Changes of Nervous System	5	2	7	3	1	4				2	1	3												
	16. Psychoneuroses	52	70	122	21	40	61	10	7	17	2	8	10	6	6	12	1	6	7	3	0	3	1	0	1
	17. Manic-Depressive Psychoses	137	188	325	52	98	150	24	17	41	16	19	35	12	13	25	11	9	20	2	3	5	3	2	5
	18. Dementia Praecox (Schizophrenia)	279	245	524	111	90	201	31	42	73	22	25	47	23	27	50	7	14	21	5	7	12	3	6	9
	19. Paranoia and Paranoid Conditions	28	15	43	10	5	15	6	4	10	1	3	4	0	1	1	2	0	2				1	0	1
	20. With Psychopathic Personality	2	3	5	0	2	2	2	0	2	0	1	1												
	21. With Mental Deficiency	30	20	50	15	11	26	3	1	4	0	2	2	7	2	9				1	1	2			
	22. Undiagnosed Psychoses	17	9	26	5	4	9	1	3	4				4	0	4									
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	28	19	47	9	9	18	4	0	4	7	3	10	4	6	10	1	0	1				1	0	1
	231b. Epileptics who are Feebleminded	42	18	60	20	10	30	5	0	5	5	1	6	4	4	8	2	0	2						
	232. Alcoholism	50	6	56	22	1	23	9	4	13	10	1	11	4	0	4	2	0	2						
	233. Drug Addiction	11	2	13	5	2	7	3	0	3	1	0	1	2	0	2									
	234. Mental Deficiency	150	182	332	63	79	142	19	22	41	9	25	34	18	18	36	4	3	7	4	2	6	4	1	5
	235. Disorders of Personality	0	2	2	0	1	1																0	1	1
	236. Psychopathic Personality	25	2	27	13	1	14	5	0	5	0	1	1	5	0	5									
	237. Other Non-Psychotic Conditions	4	2	6	1	0	1							0	1	1				1	0	1			
	24. Primary Behaviour Disorders	8	10	18	3	2	5	1	2	3	0	1	1	1	1	2	1	0	1	0	1	1			
	25. Without Mental Disorder	13	1	14	4	1	5	1	0	1				4	0	4									
	TOTAL 1–22	1,010	956	1,966	411	456	867	165	136	301	110	122	232	85	74	159	35	39	74	13	15	28	17	11	28
	TOTAL 23–25	331	244	575	140	106	246	47	28	75	32	32	64	42	30	72	10	3	13	5	3	8	5	2	7
	GRAND TOTAL	1,341	1,200	2,541	551	562	1,113	212	164	376	142	154	296	127	101	231	45	42	87	18	18	36	22	13	35

TABLE No. 22—(Concluded)

FIRST ADMISSIONS BY RACIAL ORIGIN AND DIAGNOSIS

	DIAGNOSIS	Slavonic			Scandinavian			Other European Races			Chinese and Japanese			Other Asiatic Races			American Indian			Others			Unspecified		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	5	0	5	3	0	3	9	1	10	4	0	4				1	0	1				1	0	1
	02. With other forms of Syphilis	1	0	1							1	0	1												
	03. With Epidemic Encephalitis																								
	04. With other Infectious Diseases							0	1	1															
	05. Alcoholic Psychoses				3	0	3										0	1	1						
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses				1	0	1																		
	08. With Cerebral Arteriosclerosis	3	0	3	2	1	3	4	6	10							1	0	1	0	1	1	2	4	6
	09. With other Disturbances of Circulation	0	1	1				1	1	2															
	10. With Convulsive Disorders (Epilepsy)							1	1	2				1	0	1									
	11. Senile Psychoses	0	1	1	3	0	3										1	0	1	1	0	1	1	1	2
	12. Involutional Psychoses	2	2	4	0	1	1	2	4	6										0	2	2	1	1	2
	13. Due to other Metabolic, etc., Diseases							0	2	2															
	14. Due to New Growth							1	0	1															
	15. With Organic Changes of Nervous System																								
	16. Psychoneuroses	2	1	3	1	0	1	2	1	3				0	1	1									
	17. Manic-Depressive Psychoses	6	3	9	0	6	6	7	15	22	1	0	1				1	1	2	1	0	1	1	2	3
	18. Dementia Praecox (Schizophrenia)	36	9	45	9	7	16	19	13	32	2	0	2	1	1	2	2	1	3	1	0	1	7	3	10
	19. Paranoia and Paranoid Conditions	3	1	4	0	1	1	5	0	5															
	20. With Psychopathic Personality																								
	21. With Mental Deficiency	1	2	3	0	1	1	1	0	1	1	0	1				1	0	1						
	22. Undiagnosed Psychoses				2	0	2	3	1	4				1	0	1	1	1	2						
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded							2	1	3															
	231b. Epileptics who are Feebleminded	1	1	2				1	0	1													4	2	6
	232. Alcoholism							1	0	1										1	0	1	1	0	1
	233. Drug Addiction																								
	234. Mental Deficiency	4	3	7	0	2	2	6	6	12							2	2	4	1	0	1	16	19	35
	235. Disorders of Personality																								
	236. Psychopathic Personality							1	0	1													1	0	1
	237. Other Non-Psychotic Conditions							1	1	2										1	0	1			
	24. Primary Behaviour Disorders	0	1	1	1	0	1	1	1	2													0	1	1
	25. Without Mental Disorder	1	0	1	3	0	3																		
	TOTAL 1–22	59	20	79	24	17	41	55	46	101	9	0	9	3	2	5	8	4	12	3	3	6	13	11	24
	TOTAL 23–25	6	5	11	4	2	6	13	9	22	0	0	0	0	0	0	2	2	4	3	0	3	22	22	44
	GRAND TOTAL	65	25	90	28	19	47	68	55	123	9	0	9	3	2	5	10	6	16	6	3	9	35	33	68

TABLE

FIRST ADMISSIONS BY EDUCATIONAL

	DIAGNOSIS	Illiterate			Reads Only		
		M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	7	1	8	1	0	1
	02. With other forms of Syphilis	–	–	–	–	–	–
	03. With Epidemic Encephalitis	–	–	–	–	–	–
	04. With other Infectious Diseases	1	0	1	–	–	–
	05. Alcoholic Psychoses	1	0	1	1	0	1
	06a. Due to Opium and Other Drugs	–	–	–	0	1	1
	06b. Due to other Exogenous Toxins	–	–	–	–	–	–
	07. Traumatic Psychoses	–	–	–	–	–	–
	08. With Cerebral Arteriosclerosis	13	7	20	0	1	1
	09. With other Disturbances of Circulation	0	1	1	–	–	–
	10. With Convulsive Disorders (Epilepsy)	1	4	5	–	–	–
	11. Senile Psychoses	5	5	10	1	0	1
	12. Involutional Psychoses	0	3	3	0	1	1
	13. Due to other Metabolic, etc., Diseases	1	0	1	1	0	1
	14. Due to New Growth	–	–	–	–	–	–
	15. With Organic Changes of Nervous System	–	–	–	–	–	–
	16. Psychoneuroses	2	1	3	–	–	–
	17. Manic-Depressive Psychoses	3	2	5	1	0	1
	18. Dementia Praecox (Schizophrenia)	9	5	14	1	2	3
	19. Paranoia and Paranoid Conditions	4	0	4	–	–	–
	20. With Psychopathic Personality	–	–	–	1	0	1
	21. With Mental Deficiency	5	0	5	0	1	1
	22. Undiagnosed Psychoses	2	0	2	–	–	–
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	4	1	5	–	–	–
	231b. Epileptics who are Feebleminded	29	7	36	–	–	–
	232. Alcoholism	2	0	2	–	–	–
	233. Drug Addiction	–	–	–	–	–	–
	234. Mental Deficiency	91	65	156	3	34	37
	235. Disorders of Personality	–	–	–	–	–	–
	236. Psychopathic Personality	2	0	2	–	–	–
	237. Other Non-Psychotic Conditions	1	0	1	0	1	1
	24. Primary Behaviour Disorders	1	2	3	0	2	2
	25. Without Mental Disorder	–	–	–	–	–	–
	Total 1–22	54	29	83	7	6	13
	Total 23–25	130	75	205	3	37	40
	GRAND TOTAL	184	104	288	10	43	53

No. 23

STATUS AND DIAGNOSIS

Reads and Writes			Common School			High School			University			Unascertained			TOTAL		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
11	1	12	47	13	60	21	8	29	3	0	3	11	0	11	101	23	124
2	0	2	2	0	2	–	–	–	–	–	–	1	0	1	5	0	5
3	0	3	2	2	4	1	0	1	–	–	–	–	–	–	6	2	8
–	–	–	1	5	6	2	1	3	1	0	1	–	–	–	5	6	11
2	0	2	16	8	24	7	1	8	4	0	4	1	1	2	32	10	42
0	1	1	1	11	12	1	7	8	1	0	1	–	–	–	3	20	23
–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1	0	1	9	0	9	2	0	2	–	–	–	–	–	–	12	0	12
17	3	20	58	55	113	13	9	22	4	0	4	20	13	33	125	88	213
1	0	1	7	6	13	1	0	1	–	–	–	–	–	–	9	7	16
3	0	3	18	14	32	4	6	10	–	–	–	0	1	1	26	25	51
13	14	27	36	40	76	7	12	19	2	0	2	17	21	38	81	92	173
4	4	8	24	60	84	4	18	22	3	6	9	3	4	7	38	96	134
1	1	2	11	23	34	1	7	8	–	–	–	0	2	2	15	33	48
–	–	–	2	2	4	–	–	–	–	–	–	–	–	–	2	2	4
1	0	1	4	1	5	0	1	1	–	–	–	–	–	–	5	2	7
8	9	17	28	30	58	10	25	35	2	4	6	2	1	3	52	70	122
11	4	15	89	110	199	20	62	82	6	4	10	7	6	13	137	188	325
24	9	33	170	143	313	56	68	124	9	8	17	10	10	20	279	245	524
6	0	6	16	12	28	2	2	4	0	1	1	–	–	–	28	15	43
–	–	–	1	0	1	0	3	3	–	–	–	–	–	–	2	3	5
7	6	13	16	11	27	0	1	1	–	–	–	2	1	3	30	20	50
2	1	3	10	5	15	0	2	2	1	0	1	2	1	3	17	9	26
1	0	1	15	14	29	8	3	11	–	–	–	0	1	1	28	19	47
6	4	10	7	7	14	–	–	–	–	–	–	–	–	–	42	18	60
–	–	–	18	4	22	20	2	22	9	0	9	1	0	1	50	6	56
1	0	1	3	2	5	4	0	4	3	0	3	–	–	–	11	2	13
27	45	72	25	37	62	0	1	1	–	–	–	4	0	4	150	182	332
0	1	1	–	–	–	–	–	–	–	–	–	0	1	1	0	2	2
2	0	2	12	0	12	8	2	10	1	0	1	–	–	–	25	2	27
–	–	–	3	1	4	–	–	–	–	–	–	–	–	–	4	2	6
2	0	2	2	2	4	2	3	5	–	–	–	1	1	2	8	10	18
2	0	2	9	1	10	1	0	1	1	0	1	–	–	–	13	1	14
117	53	170	568	551	1,119	152	233	385	36	23	59	76	61	137	1,010	956	1,966
41	50	91	94	68	162	43	11	54	14	0	14	6	3	9	331	244	575
158	103	261	662	619	1,281	195	244	439	50	23	73	82	64	146	1,341	1,200	2,541

TABLE No. 24
FIRST ADMISSIONS BY ECONOMIC STATUS AND DIAGNOSIS

	DIAGNOSIS	Dependent			Marginal			Comfortable			Unascertained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	46	8	54	46	10	56	7	4	11	2	1	3	101	23	124
	02. With other forms of Syphilis	3	0	3	2	0	2	–	–	–	–	–	–	5	0	5
	03. With Epidemic Encephalitis	5	0	5	1	2	3	–	–	–	–	–	–	6	2	8
	04. With other Infectious Diseases	–	–	–	2	5	7	2	1	3	1	0	1	5	6	11
	05. Alcoholic Psychoses	10	3	13	11	3	14	8	2	10	3	2	5	32	10	42
	06a. Due to Opium and Other Drugs	1	6	7	0	7	7	2	7	9	–	–	–	3	20	23
	06b. Due to other Exogenous Toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	07. Traumatic Psychoses	6	0	6	4	0	4	–	–	–	2	0	2	12	0	12
	08. With Cerebral Arteriosclerosis	58	22	80	42	37	79	24	25	49	1	4	5	125	88	213
	09. With other Disturbances of Circulation	3	1	4	2	3	5	4	3	7	–	–	–	9	7	16
	10. With Convulsive Disorders (Epilepsy)	14	8	22	10	13	23	2	4	6	–	–	–	26	25	51
	11. Senile Psychoses	37	30	67	20	29	49	22	24	46	2	9	11	81	92	173
	12. Involutional Psychoses	15	15	30	10	36	46	13	41	54	0	4	4	38	96	134
	13. Due to other Metabolic, etc., Diseases	8	12	20	6	10	16	0	10	10	1	1	2	15	33	48
	14. Due to New Growth	2	0	2	0	1	1	–	–	–	0	1	1	2	2	4
	15. With Organic Changes of Nervous System	2	0	2	3	1	4	0	1	1	–	–	–	5	2	7
	16. Psychoneuroses	17	21	38	22	20	42	12	24	36	1	5	6	52	70	122
	17. Manic-Depressive Psychoses	52	45	97	45	56	101	37	67	104	3	20	23	137	188	325
	18. Dementia Praecox (Schizophrenia)	123	78	201	125	98	223	26	42	68	5	27	32	279	245	524
	19. Paranoia and Paranoid Conditions	12	5	17	12	6	18	4	3	7	0	1	1	28	15	43
	20. With Psychopathic Personality	1	1	2	–	–	–	1	1	2	0	1	1	2	3	5
	21. With Mental Deficiency	15	9	24	13	8	21	2	1	3	0	2	2	30	20	50
	22. Undiagnosed Psychoses	10	2	12	5	2	7	1	3	4	1	2	3	17	9	26
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	12	4	16	12	10	22	4	4	8	0	1	1	28	19	47
	231b. Epileptics who are Feebleminded	15	9	24	22	7	29	5	2	7	–	–	–	42	18	60
	232. Alcoholism	16	1	17	20	2	22	14	3	17	–	–	–	50	6	56
	233. Drug Addiction	7	2	9	3	0	3	1	0	1	–	–	–	11	2	13
	234. Mental Deficiency	89	126	215	52	48	100	8	4	12	1	4	5	150	182	332
	235. Disorders of Personality	–	–	–	0	2	2	–	–	–	–	–	–	0	2	2
	236. Psychopathic Personality	13	0	13	10	1	11	1	1	2	1	0	1	25	2	27
	237. Other Non-Psychotic Conditions	0	1	1	3	0	3	1	1	2	–	–	–	4	2	6
	24. Primary Behaviour Disorders	7	5	12	1	2	3	0	3	3	–	–	–	8	10	18
	25. Without Mental Disorder	3	0	3	6	0	6	3	1	4	1	0	1	13	1	14
	TOTAL 1–22	440	266	706	381	347	728	167	263	430	22	80	102	1,010	956	1,966
	TOTAL 23–25	162	148	310	129	72	201	37	19	56	3	5	8	331	244	575
	GRAND TOTAL	602	414	1,016	510	419	929	204	282	486	25	85	110	1,341	1,200	2,541

TABLE No. 25

ALCOHOLIC HABITS OF FIRST ADMISSIONS BY DIAGNOSIS

	DIAGNOSIS	Abstinent			Temperate			Intemperate			Unascertained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	23	12	35	50	4	54	17	4	21	11	3	14	101	23	124
	02. With other forms of Syphilis	1	0	1	4	0	4	–	–	–	–	–	–	5	0	5
	03. With Epidemic Encephalitis	5	2	7	1	0	1	–	–	–	–	–	–	6	2	8
	04. With other Infectious Diseases	1	6	7	3	0	3	1	0	1	–	–	–	5	6	11
	05. Alcoholic Psychoses	–	–	–	–	–	–	32	10	42	–	–	–	32	10	42
	06a. Due to Opium and Other Drugs	2	12	14	0	5	5	1	2	3	0	1	1	3	20	23
	06b. Due to other Exogenous Toxins	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	07. Traumatic Psychoses	2	0	2	8	0	8	2	0	2	–	–	–	12	0	12
	08. With Cerebral Arteriosclerosis	58	74	132	36	9	45	17	0	17	14	5	19	125	88	213
	09. With other Disturbances of Circulation	1	5	6	4	2	6	4	0	4	–	–	–	9	7	16
	10. With Convulsive Disorders (Epilepsy)	22	25	47	3	0	3	1	0	1	–	–	–	26	25	51
	11. Senile Psychoses	35	78	113	27	8	35	8	0	8	11	6	17	81	92	173
	12. Involutional Psychoses	12	82	94	19	13	32	6	0	6	1	1	2	38	96	134
	13. Due to other Metabolic, etc., Diseases	6	31	37	7	2	9	2	0	2	–	–	–	15	33	48
	14. Due to New Growth	1	2	3	1	0	1	–	–	–	–	–	–	2	2	4
	15. With Organic Changes of Nervous System	2	2	4	1	0	1	–	–	–	2	0	2	5	2	7
	16. Psychoneuroses	26	52	78	20	15	35	4	2	6	2	1	3	52	70	122
	17. Manic-Depressive Psychoses	49	145	194	64	29	93	20	3	23	4	11	15	137	188	325
	18. Dementia Praecox (Schizophrenia)	124	207	331	104	29	133	22	2	24	29	7	36	279	245	524
	19. Paranoia and Paranoid Conditions	7	10	17	18	4	22	2	0	2	1	1	2	28	15	43
	20. With Psychopathic Personality	0	2	2	1	1	2	1	0	1	–	–	–	2	3	5
	21. With Mental Deficiency	17	19	36	8	1	9	1	0	1	4	0	4	30	20	50
	22. Undiagnosed Psychoses	4	5	9	6	3	9	4	0	4	3	1	4	17	9	26
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	20	16	36	7	1	8	1	1	2	0	1	1	28	19	47
	231b. Epileptics who are Feebleminded	38	18	56	3	0	3	1	0	1	–	–	–	42	18	60
	232. Alcoholism	–	–	–	–	–	–	50	6	56	–	–	–	50	6	56
	233. Drug Addiction	1	0	1	3	0	3	7	2	9	–	–	–	11	2	13
	234. Mental Deficiency	127	163	290	12	2	14	3	2	5	8	15	23	150	182	332
	235. Disorders of Personality	0	1	1	–	–	–	0	1	1	–	–	–	0	2	2
	236. Psychopathic Personality	6	2	8	14	0	14	4	0	4	1	0	1	25	2	27
	237. Other Non-Psychotic Conditions	1	1	2	3	0	3	0	1	1	–	–	–	4	2	6
	24. Primary Behaviour Disorders	5	6	11	1	3	4	–	–	–	2	1	3	8	10	18
	25. Without Mental Disorders	2	1	3	6	0	6	4	0	4	1	0	1	13	1	14
	TOTAL 1–22	398	771	1,169	385	125	510	145	23	168	82	37	119	1,010	956	1,966
	TOTAL 23–25	200	208	408	49	6	55	70	13	83	12	17	29	331	244	575
	GRAND TOTAL	598	979	1,577	434	131	565	215	36	251	94	54	148	1,341	1,200	2,541

TABLE No. 26

PREVIOUS OCCUPATION OF FIRST ADMISSIONS

PREVIOUS (USUAL) OCCUPATION	Male	Female	TOTAL
Agriculture	241	0	241
Commercial	65	9	74
Financial	10	0	10
Fishing and trapping	8	0	8
Logging	18	0	18
Manufacturing	53	24	77
Mining	17	0	17
Transportation and Communication	49	2	51
Civil Service and Public Administration	18	3	21
Personal Service (including housewives)	38	539	577
Professional	39	40	79
Domestic Service	13	235	248
Expert Workers	107	5	112
Labourers	278	0	278
Clerical	44	25	69
Retired	52	6	58
Students	2	12	14
Soldiers	3	0	3
No occupation	277	293	570
Not given	9	7	16
TOTAL — ALL OCCUPATIONS	1,341	1,200	2,541

TABLE No. 27

RE-ADMISSIONS BY LENGTH OF STAY OUT OF HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	LENGTH OF STAY OUT OF HOSPITAL BEFORE RE-ADMISSION																													
		Less than One Month			1–3 Months			4–7 Months			8–11 Months			1–2 Years			3–4 Years			5–9 Years			10 Years and Over			Unascer-tained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	7	0	7	4	0	4	2	0	2	0	2	2	6	0	6	2	1	3	0	1	1	0	1	1	2	0	2	23	5	28
	02. With other forms of Syphilis	0	1	1																									0	1	1
	03. With Epidemic Encephalitis													1	0	1	0	2	2										1	2	3
	04. With other Infectious Diseases																														
	05. Alcoholic Psychoses	2	0	2	1	0	1	2	0	2	2	0	2	3	0	3	0	1	1	2	1	3	1	0	1				13	2	15
	6a. Due to Opium and Other Drugs				0	1	1	1	0	1							0	1	1										1	2	3
	06b. Due to other Exogenous Toxins																1	0	1										1	0	1
	07. Traumatic Psychoses																														
	08. With Cerebral Arteriosclerosis	0	1	1				1	0	1	3	0	3	1	1	2	1	1	2	1	1	2	0	5	5				7	9	16
	09. With other Disturbances of Circulation																														
	10. With Convulsive Disorders (Epilepsy)										1	0	1	2	1	3	1	1	2	0	1	1	0	2	2				4	5	9
	11. Senile Psychoses							1	0	1	1	0	1				0	2	2	0	1	1	1	3	4	0	1	1	3	7	10
	12. Involutional Psychoses	0	2	2				2	0	2	1	2	3	0	3	3	0	4	4				0	1	1				3	12	15
	13. Due to other Metabolic, etc., Diseases																			0	1	1							0	1	1
	14. Due to New Growth																														
	15. With Organic Changes of Nervous System																1	0	1										1	0	1
	16. Psychoneuroses	2	2	4	3	2	5	2	0	2	0	4	4	3	4	7	2	4	6	1	2	3	1	0	1				14	18	32
	17. Manic-Depressive Psychoses	4	5	9	5	3	8	9	7	16	9	7	16	30	47	77	12	18	30	12	13	25	12	14	26	0	1	1	93	115	208
	18. Dementia Praecox (Schizophrenia)	5	1	6	6	3	9	13	6	19	14	7	21	35	37	72	13	14	27	10	10	20	8	7	15				104	85	189
	19. Paranoia and Paranoid Conditions				1	0	1	1	0	1	1	2	3	0	1	1	1	0	1	0	1	1							4	4	8
	20. With Psychopathic Personality	1	1	2										0	1	1				0	1	1							1	3	4
	21. With Mental Deficiency				1	0	1	1	0	1	2	1	3	1	5	6	2	1	3	1	2	3	1	4	5				9	13	22
	22. Undiagnosed Psychoses	0	1	1										1	1	2	0	1	1										1	3	4
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded							2	1	3	4	0	4	2	0	2	1	1	2										9	2	11
	231b. Epileptics who are Feebleminded										1	1	2	1	1	2	0	1	1										2	3	5
	232. Alcoholism	4	0	4	7	0	7	5	0	5	1	0	1	10	1	11	2	2	4				2	0	2				31	3	34
	233. Drug Addiction				1	0	1	1	0	1	1	0	1	5	3	8	1	0	1										9	3	12
	234. Mental Deficiency	0	2	2	2	1	3	2	4	6	5	0	5	5	10	15	2	5	7	2	1	3	1	0	1	0	1	1	19	24	43
	235. Disorders of Personality																1	0	1										1	0	1
	236. Psychopathic Personality	1	0	1	1	0	1										1	0	1										3	0	3
	24. Primary Behaviour Disorders				0	1	1							1	0	1	1	0	1	1	0	1							3	1	4
	TOTAL 1–22	21	14	35	21	9	30	35	13	48	34	25	59	83	101	184	36	51	87	27	35	62	24	37	61	2	2	4	283	287	570
	TOTAL 23–24	5	2	7	11	2	13	10	5	15	12	1	13	24	15	39	9	9	18	3	1	4	3	0	3	0	1	1	77	36	113
	GRAND TOTAL	26	16	42	32	11	43	45	18	63	46	26	72	107	116	223	45	60	105	30	36	66	27	37	64	2	3	5	360	323	683

TABLE No. 28

RE-ADMISSIONS BY CONDITION ON PREVIOUS DISCHARGE, LENGTH OF STAY-OUT OF HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	RECOVERED																													
		Less than One Month			1–3 Months			4–7 Months			8–11 Months			1–2 Years			3–4 Years			5–9 Years			10 Years and Over			Unascer-tained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis				1	0	1							1	0	1													2	0	2
	02. With other forms of Syphilis																														
	03. With Epidemic Encephalitis																														
	04. With other Infectious Diseases																														
	05. Alcoholic Psychoses	2	0	2				1	0	1	1	0	1	1	0	1	0	1	1	1	1	2	1	0	1				7	2	9
	06a. Due to Opium and Other Drugs							1	0	1							0	1	1										1	1	2
	06b. Due to other Exogenous Toxins																														
	07. Traumatic Psychoses																														
	08. With Cerebral Arteriosclerosis							0	1	1	1	0	1	0	1	1	1	0	1										2	2	4
	09. With other Disturbances of Circulation																														
	10. With Convulsive Disorders (Epilepsy)													2	0	2													2	0	2
	11. Senile Psychoses																						0	2	2				0	2	2
	12. Involutional Psychoses										1	0	1																1	0	1
	13. Due to other Metabolic, etc., Diseases																														
	14. Due to New Growth																														
	15. With Organic Changes of Nervous System																														
	16. Psychoneuroses				2	0	2	2	0	2				0	1	1	0	2	2										4	3	7
	17. Manic-Depressive Psychoses	1	0	1	2	0	2	4	4	8	3	4	7	16	14	30	5	13	18	5	7	12	8	12	20				44	54	98
	18. Dementia Praecox (Schizophrenia)				2	1	3	4	0	4	1	2	3	8	6	14	3	4	7	1	3	4	2	1	3				21	17	38
	19. Paranoia and Paranoid Conditions																1	0	1										1	0	1
	20. With Psychopathic Personality																			0	1	1							0	1	1
	21. With Mental Deficiency													0	1	1	1	1	2	0	1	1							1	3	4
	22. Undiagnosed Psychoses																														
	TOTAL WITH PSYCHOSIS	3	0	3	7	1	8	12	5	17	7	6	13	28	23	51	11	22	33	7	13	20	11	15	26	0	0	0	86	85	171
	TOTAL WITHOUT PSYCHOSIS																														
	GRAND TOTAL																														

TABLE No. 28—(Continued)

RE-ADMISSIONS BY CONDITION ON PREVIOUS DISCHARGE, LENGTH OF STAY-OUT OF HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	IMPROVED																													
		Less than one Month			1–3 Months			4–7 Months			8–11 Months			1–2 Years			3–4 Years			5–9 Years			10 Years and over			Unacertained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	7	0	7	2	0	2	2	0	2	0	2	2	4	0	4	2	1	3	0	1	1	0	1	1	2	0	2	19	5	24
	02. With other forms of Syphilis	0	1	1																									0	1	1
	03. With Epidemic Encephalitis																0	2	2										0	2	2
	04. With other Infectious Diseases																														
	05. Alcoholic Psychoses				1	0	1							1	0	1				1	0	1							3	0	3
	06a. Due to Opium and Other Drugs																														
	06b. Due to other Exogenous Toxins																1	0	1										1	0	1
	07. Traumatic Psychoses																														
	08. With Cerebral Arteriosclerosis										2	0	2	1	0	1	0	1	1	1	0	1	0	5	5				4	6	10
	09. With other Disturbances of Circulation																														
	10. With Convulsive Disorders (Epilepsy)										1	0	1	0	1	1	0	1	1	0	1	1	0	1	1				1	4	5
	11. Senile Psychoses							1	0	1	1	0	1				0	2	2	0	1	1	1	1	2	0	1	1	3	5	8
	12. Involutional Psychoses	0	2	2				2	0	2	0	1	1	0	3	3	0	4	4				0	1	1				2	11	13
	13. Due to other Metabolic, etc., Diseases																			0	1	1							0	1	1
	14. Due to New Growth																														
	15. With Organic Changes of Nervous System																														
	16. Psychoneuroses	1	3	4	0	2	2	1	0	1	0	2	2	2	3	5	3	2	5	1	3	4	1	0	1				10	14	24
	17. Manic-Depressive Psychoses	2	4	6	3	3	6	5	2	7	5	2	7	15	25	40	7	9	16	7	9	16	4	6	10				48	60	108
	18. Dementia Praecox (Schizophrenia)	4	0	4	3	1	4	9	3	12	12	5	17	24	28	52	7	12	19	11	6	17	6	5	11	0	1	1	76	61	137
	19. Paranoia and Paranoid Conditions				1	0	1				1	2	3	0	1	1							0	1	1				2	4	6
	20. With Psychopathic Personality	1	1	2													0	1	1										1	2	3
	21. With Mental Deficiency				1	0	1	1	0	1	2	0	2	0	4	4	0	1	1	2	1	3	1	3	4				7	9	16
	22. Undiagnosed Psychoses	0	1	1										1	1	2	0	1	1										1	3	4
	Total with Psychosis	16	11	27	11	6	17	21	5	26	24	14	38	48	66	114	20	37	57	23	23	46	13	24	37	2	2	4	178	188	366
	Total without Psychosis																														
	GRAND TOTAL																														

TABLE No. 28—(Continued)

RE-ADMISSIONS BY CONDITION ON PREVIOUS DISCHARGE, LENGTH OF STAY-OUT OF HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	UNIMPROVED																													
		Less than one Month			1–3 Months			4–7 Months			8–11 Months			1–2 Years			3–4 Years			5–9 Years			10 Years and over			Unascer-tained			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F,	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis													1	0	1													1	0	1
	02. With other forms of Syphilis																														
	03. With Epidemic Encephalitis													1	0	1													1	0	1
	04. With other Infectious Diseases																														
	05. Alcoholic Psychoses																														
	06a. Due to Opium and Other Drugs																														
	06b. Due to other Exogenous Toxins																														
	07. Traumatic Psychoses																														
	08. With Cerebral Arteriosclerosis	0	1	1				1	0	1																			1	1	2
	09. With other Disturbances of Circulation																														
	10. With Convulsive Disorders (Epilepsy)																1	0	1				0	1	1				1	1	2
	11. Senile Psychoses																														
	12. Involutional Psychoses										0	1	1																0	1	1
	13. Due to other Metabolic, etc., Diseases																														
	14. Due to New Growth																														
	15. With Organic Changes of Nervous System																1	0	1										1	0	1
	16. Psychoneuroses										0	1	1																0	1	1
	17. Manic-Depressive Psychoses	1	0	1										0	1	1													1	1	2
	18. Dementia Praecox (Schizophrenia)	2	1	3	0	2	2	0	2	2	0	1	1	2	0	2	1	0	1				1	1	2				6	7	13
	19. Paranoia and Paranoid Conditions							1	0	1																			1	0	1
	20. With Psychopathic Personality																														
	21. With Mental Deficiency										0	1	1	1	0	1													1	1	2
	22. Undiagnosed Psychoses																														
	TOTAL WITH PSYCHOSIS	3	2	5	0	2	2	2	2	4	0	4	4	5	1	6	3	0	3	0	0	0	1	2	3	0	0	0	14	13	27
	TOTAL WITHOUT PSYCHOSIS																														
	GRAND TOTAL																														

TABLE No. 28—(Concluded)

RE-ADMISSIONS BY CONDITION ON PREVIOUS DISCHARGE, LENGTH OF STAY-OUT OF HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	WITHOUT MENTAL DISORDER									GRAND TOTAL		
		Under 1 Year			1 Year and over			TOTAL					
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	1	0	1				1	0	1	23	5	28
	02. With other forms of Syphilis										0	1	1
	03. With Epidemic Encephalitis										1	2	3
	04. With other Infectious Diseases												
	05. Alcoholic Psychoses	1	0	1	2	0	2	3	0	3	13	2	15
	06a. Due to Opium and Other Drugs	0	1	1				0	1	1	1	2	3
	06b. Due to other Exogenous Toxins										1	0	1
	07. Traumatic Psychoses												
	08. With Cerebral Arteriosclerosis										7	9	16
	09. With other Disturbances of Circulation												
	10. With Convulsive Disorders (Epilepsy)										4	5	9
	11. Senile Psychoses										3	7	10
	12. Involutional Psychoses										3	12	15
	13. Due to other Metabolic, etc., Diseases										0	1	1
	14. Due to New Growth												
	15. With Organic Changes of Nervous System										1	0	1
	16. Psychoneuroses										14	18	32
	17. Manic-Depressive Psychoses										93	115	208
	18. Dementia Praecox (Schizophrenia)	1	0	1				1	0	1	104	85	189
	19. Paranoia and Paranoid Conditions										4	4	8
	20. With Psychopathic Personality										1	3	4
	21. With Mental Deficiency										9	13	22
	22. Undiagnosed Psychoses										1	3	4
	TOTAL WITH PSYCHOSIS	3	1	4	2	0	2	5	1	6	283	287	570
	TOTAL WITHOUT PSYCHOSIS	21	4	25	25	15	40	46	19	65	77	36	113
	GRAND TOTAL	24	5	29	27	15	42	51	20	71	360	323	683

TABLE No. 29

DISPOSAL OF FIRST AND RE-ADMISSIONS DURING THE YEAR FOR CERTAIN PSYCHOSES—DISPOSAL AS AT MARCH 31st

DIAGNOSIS	Discharged			Died			Trans-ferred			Eloped and not returned			On Probation			In Boarding Homes			Remaining in Hospitals			TOTAL ADMISSIONS		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Senile Psychoses	4	3	7	28	30	58	0	1	1	–	–	–	2	4	6	2	0	2	48	61	109	84	99	183
Psychosis with Cerebral Arteriosclerosis	12	16	28	55	24	79	4	1	5	–	–	–	4	7	11	2	6	8	55	44	99	132	98	230
General Paresis	12	5	17	14	3	17	15	4	19	–	–	–	13	4	17	–	–	–	72	12	84	126	28	154
Alcoholic Psychoses	24	5	29	1	0	1	–	–	–	–	–	–	4	1	5	–	–	–	16	6	22	45	12	57
Manic Depressive Psychoses .	69	56	125	10	16	26	6	2	8	–	–	–	38	81	119	4	8	12	103	142	245	230	305	535
Dementia Praecox (Schizophrenia)	59	44	103	3	9	12	13	8	21	–	–	–	62	61	123	3	1	4	243	204	447	383	327	710
All Other Psychoses	79	102	181	22	27	49	16	5	21	–	–	–	38	72	110	3	4	7	139	164	303	297	374	671
Alcoholism without Psychosis	69	5	74	–	–	–	–	–	–	–	–	–	1	0	1	–	–	–	11	4	15	81	9	90
Others without Psychosis.....	89	24	113	11	9	20	5	9	14	2	1	3	28	11	39	1	2	3	187	215	402	323	271	594
TOTAL	417	260	677	144	118	262	59	30	89	2	1	3	190	241	431	15	21	36	874	852	1726	1701	1523	3224

TABLE No. 30

DISCHARGES BY AGE AND DIAGNOSIS

	DIAGNOSIS	TOTAL			AGE GROUP																				
					Under 10			10–14			15–19			20–24			25–29			30–34			35–39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	67	19	86										1	0	1	3	1	4	9	1	10	13	3	16
	02. With other forms of Syphilis	4	1	5																					
	03. With Epidemic Encephalitis	6	2	8							2	0	2	1	0	1	1	0	1				0	2	2
	04. With other Infectious Diseases	2	2	4																1	0	1	0	1	1
	05. Alcoholic Psychoses	39	6	45													3	1	4	5	1	6	9	0	9
	06a. Due to Opium and Other Drugs	1	10	11																1	2	3	0	1	1
	06b. Due to other Exogenous Toxins	2	6	8													0	1	1				0	1	1
	07. Traumatic Psychoses	7	0	7																					
	08. With Cerebral Arteriosclerosis	35	37	72																					
	09. With other Disturbances of Circulation	3	4	7																			0	1	1
	10. With Convulsive Disorders (Epilepsy)	24	11	35							2	2	4	4	2	6	7	3	10	3	1	4	1	0	1
	11. Senile Psychoses	15	14	29																					
	12. Involutional Psychoses	23	56	79																0	1	1			
	13. Due to other Metabolic, etc., Diseases	11	31	42							0	1	1				2	4	6	0	6	6	3	2	5
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System	2	3	5										1	0	1	1	1	2				0	1	1
	16. Psychoneuroses	53	81	134							2	2	4	5	5	10	2	9	11	8	9	17	14	12	26
	17. Manic-Depressive Psychoses	216	247	463							4	10	14	15	14	29	15	22	37	19	27	46	21	31	52
	18. Dementia Praecox (Schizophrenia)	334	251	585							19	20	39	55	40	95	66	39	105	48	31	79	43	30	73
	19. Paranoia and Paranoid Conditions	23	13	36																2	0	2	3	1	4
	20. With Psychopathic Personality	4	3	7										1	0	1				1	2	3	1	0	1
	21. With Mental Deficiency	25	25	50							0	2	2	2	4	6	3	2	5	4	1	5	4	2	6
	22. Undiagnosed Psychoses	12	10	22							1	0	1	1	2	3	2	0	2	1	2	3	3	4	7
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	28	9	37				1	0	1	5	0	5	7	2	9	3	2	5	4	2	6	3	2	5
	231b. Epileptics who are Feebleminded	11	6	17	2	0	2	2	0	2	3	2	5	1	3	4				2	1	3	1	0	1
	232. Alcoholism	89	10	99										2	0	2	3	1	4	11	1	12	14	1	15
	233. Drug Addiction	22	6	28													4	2	6	4	1	5	2	0	2
	234. Mental Deficiency	108	138	246	3	3	6	6	7	13	35	35	70	19	46	65	15	20	35	8	8	16	5	4	9
	235. Disorders of Personality	2	1	3																			1	1	2
	236. Psychopathic Personality	22	5	27							1	1	2	3	1	4	2	0	2	5	0	5	3	2	5
	237. Other Non-Psychotic Conditions	8	0	8							1	0	1	1	0	1				2	0	2			
	24. Primary Behaviour Disorders	11	11	22							3	0	3	2	0	2	1	3	4	1	2	3	0	1	1
	25. Without Mental Disorder	28	2	30							3	0	3	5	1	6	4	0	4	2	0	2	2	0	2
	Total 1–22	908	832	1,740	0	0	0	0	0	0	30	37	67	86	67	153	105	83	188	102	84	186	115	92	207
	Total 23–25	329	188	517	5	3	8	9	7	16	51	38	89	40	53	93	32	28	60	39	15	54	31	11	42
	GRAND TOTAL	1,237	1,020	2,257	5	3	8	9	7	16	81	75	156	126	120	246	137	111	248	141	99	240	146	103	249

TABLE No. 30—(Concluded)

DISCHARGES BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40–44			45–49			50–54			55–59			60–64			65–69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	11	2	13	13	6	19	8	3	11	3	1	4	4	1	5	1	1	2	1	0	1			
	02. With other forms of Syphilis	1	1	2	2	0	2													1	0	1			
	03. With Epidemic Encephalitis	1	0	1													1	0	1						
	04. With other Infectious Diseases	1	1	2																					
	05. Alcoholic Psychoses	6	3	9	7	0	7	2	0	2	4	1	5	2	0	2	1	0	1						
	06a. Due to Opium and Other Drugs	0	3	3	0	1	1	0	3	3															
	06b. Due to other Exogenous Toxins	0	1	1	1	1	2	0	1	1	0	1	1	1	0	1									
	07. Traumatic Psychoses	4	0	4	1	0	1	2	0	2															
	08. With Cerebral Arteriosclerosis							3	4	7	8	5	13	7	9	16	9	8	17	8	11	19			
	09. With other Disturbances of Circulation							1	1	2				0	2	2	2	0	2						
	10. With Convulsive Disorders (Epilepsy)	1	2	3	1	0	1	2	1	3	1	0	1	1	0	1	1	0	1						
	11. Senile Psychoses										1	0	1	2	1	3	2	2	4	10	11	21			
	12. Involutional Psychoses	0	5	5	4	13	17	7	17	24	4	13	17	5	5	10	2	2	4	1	0	1			
	13. Due to other Metabolic, etc., Diseases	1	5	6	0	3	3	2	3	5	0	4	4				2	2	4	1	1	2			
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System																0	1	1						
	26. Psychoneuroses	5	11	16	6	11	17	3	3	6	6	10	16	1	5	6	1	3	4	0	1	1			
	17. Manic-Depressive Psychoses	30	30	60	24	31	55	18	33	51	31	25	56	19	7	26	9	9	18	10	8	18	1	0	1
	18. Dementia Praecox (Schizophrenia)	31	22	53	20	21	41	11	13	24	8	14	22	17	3	20	12	9	21	4	9	13			
	19. Paranoia and Paranoid Conditions	5	3	8	3	4	7	2	2	4	3	2	5	4	0	4	1	1	2						
	20. With Psychopathic Personality	0	1	1	1	0	1																		
	21. With Mental Deficiency	5	5	10	3	3	6	2	2	4	1	1	2				0	2	2	1	1	2			
	22. Undiagnosed Psychoses	1	0	1	0	1	1	1	0	1	1	0	1	0	1	1	1	0	1						
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	2	0	2	1	0	1	1	1	2	1	0	1												
	231b. Epileptics who are Feebleminded																								
	232. Alcoholism	17	1	18	18	4	22	12	2	14	10	0	10	2	0	2									
	233. Drug Addiction	3	1	4	5	1	6	4	0	4							0	1	1						
	234. Mental Deficiency	4	7	11	7	5	12	1	2	3	2	1	3	2	0	2				1	0	1			
	235. Disorders of Personality							1	0	1															
	236. Psychopathic Personality	4	0	4	2	0	2	1	0	1	1	1	2												
	237. Other Non-Psychotic Conditions	1	0	1	2	0	2										1	0	1						
	24. Primary Behaviour Disorders	1	0	1	1	4	3	0	1	1	1	0	1	1	0	1									
	25. Without Mental Disorder	3	1	4	3	0	3	3	0	3	1	0	1	1	0	1	1	0	1						
	TOTAL 1–22	103	95	198	86	95	181	64	86	150	71	77	148	63	34	97	45	40	85	37	42	79	1	0	1
	TOTAL 23–25	35	10	45	39	14	53	23	6	29	16	2	18	6	0	6	2	1	3	1	0	1	0	0	0
	GRAND TOTAL	138	105	243	125	109	234	87	92	179	87	79	166	69	34	103	47	41	88	38	42	80	1	0	1

TABLE No. 31

DISCHARGES BY CONDITION ON DISCHARGE AND DIAGNOSIS

	DIAGNOSIS	FIRST ADMISSIONS											
		Recovered			Improved			Unimproved			Total		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	10	1	11	41	14	55	3	0	3	54	15	69
	02. With other forms of Syphilis				2	1	3	2	0	2	4	1	5
	03. With Epidemic Encephalitis				3	2	5	1	0	1	6	0	6
	04. With other Infectious Diseases	1	1	2	1	1	2				2	2	4
	05. Alcoholic Psychoses	21	3	24	9	1	10				30	4	34
	06a. Due to Opium and Other Drugs	0	6	6	0	3	3				0	9	9
	06b. Due to other Exogenous Toxins	1	3	4	1	2	3				2	5	7
	07. Traumatic Psychoses	1	0	1	5	0	5	1	0	1	7	0	7
	08. With Cerebral Arteriosclerosis	3	9	12	20	21	41	4	2	6	27	32	59
	09. With other Disturbances of Circulation	2	1	3	0	3	3	1	0	1	3	4	7
	10. With Convulsive Disorders (Epilepsy)	6	5	11	9	4	13	1	1	2	16	10	26
	11. Senile Psychoses	1	1	2	12	13	25	1	0	1	14	14	28
	12. Involutional Psychoses	8	13	21	10	37	47	2	1	3	20	51	71
	13. Due to other Metabolic, etc., Diseases	6	15	21	4	11	15	0	1	1	10	27	37
	14. Due to New Growth												
	15. With Organic Changes of Nervous System	0	1	1	1	0	1	1	1	2	2	2	4
	16. Psychoneuroses	19	22	41	23	41	64	2	1	3	44	64	108
	17. Manic-Depressive Psychoses	61	73	134	72	83	155	5	3	8	138	159	297
	18. Dementia Praecox (Schizophrenia)	43	43	86	195	136	331	16	14	30	254	193	447
	19. Paranoia and Paranoid Conditions	3	2	5	14	11	25	0	0	0	17	13	30
	20. With Psychopathic Personality	2	0	2	2	1	3	0	0	0	4	1	5
	21. With Mental Deficiency	1	2	3	12	13	25	1	3	4	14	18	32
	22. Undiagnosed Psychoses	4	4	8	5	2	7	1	2	3	10	8	18
	Total with Psychosis	193	205	398	441	400	841	42	29	71	676	634	1,310
	Total without Psychosis										251	170	421
	GRAND TOTAL	193	205	398	441	400	841	42	29	71	927	804	1,731

TABLE No. 31—(Concluded)

DISCHARGES BY CONDITION ON DISCHARGE AND DIAGNOSIS

	DIAGNOSIS	RE-ADMISSIONS												TOTAL ADMISSIONS											
		RECOVERED			IMPROVED			UNIMPROVED			TOTAL			RECOVERED			IMPROVED			UNIMPROVED			TOTAL		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F,	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	2	1	3	11	3	14				13	4	17	12	2	14	52	17	69	3	0	3	67	19	86
	02. With other forms of Syphilis																2	1	3	2	0	2	4	1	5
	03. With Epidemic Encephalitis	1	0	1				1	0	1	2	0	2	1	0	1	3	2	5	2	0	2	6	2	8
	04. With other Infectious Diseases													1	1	2	1	1	2				2	2	4
	05. Alcoholic Psychoses	7	2	9	2	0	2				9	2	11	28	5	33	11	1	12				39	6	45
	06a. Due to Opium and Other Drugs	1	1	2							1	1	2	1	7	8	0	3	3				1	10	11
	06a. Due to other Exogenous Toxins				0	1	1				0	1	1	1	3	4	1	3	4				2	6	8
	07. Traumatic Psychoses													1	0	1	5	0	5	1	0	1	7	0	7
	08. With Cerebral Arteriosclerosis	1	0	1	6	5	11	1	0	1	8	5	13	4	9	13	26	26	52	5	2	7	35	37	72
	09. With other Disturbances of Circulation													2	1	3	0	3	3	1	0	1	3	4	7
	10. With Convulsive Disorders (Epilepsy)	3	0	3	3	1	4	2	0	2	8	1	9	9	5	14	12	5	17	3	1	4	24	11	35
	11. Senile Psychoses				1	0	1				1	0	1	1	1	2	13	13	26	1	0	1	15	14	29
	12. Involutional Psychoses				3	5	8				3	5	8	8	13	21	13	42	55	2	1	3	23	56	79
	13. Due to other Metabolic, etc., Diseases	0	3	3	1	1	2				1	4	5	6	18	24	5	12	17	0	1	1	11	31	42
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System							0	1	1	0	1	1	0	1	1	1	0	1	1	2	3	2	3	5
	16. Psychoneuroses	6	5	11	3	12	15				9	17	26	25	27	52	26	53	79	2	1	3	53	81	134
	17. Manic-Depressive Psychoses	41	43	84	36	42	78	1	3	4	78	88	166	102	116	218	108	125	233	6	6	12	216	247	463
	18. Dementia Praecox (Schizophrenia)	9	8	17	65	44	109	6	6	12	80	58	138	52	51	103	260	180	440	22	20	42	334	251	585
	19. Paranoia and Paranoid Conditions	1	0	1	5	0	5				6	0	6	4	2	6	19	11	30				23	13	36
	20. With Psychopathic Personality				0	2	2				0	2	2	2	0	2	2	3	5				4	3	7
	21. With Mental Deficiency	1	1	2	10	5	15	0	1	1	11	7	18	2	3	5	22	18	40	1	4	5	25	25	50
	22. Undiagnosed Psychoses	0	1	1	2	1	3				2	2	4	4	5	9	7	3	10	1	2	3	12	10	22
	TOTAL WITH PSYCHOSIS	73	65	138	148	122	270	11	11	22	232	198	430	266	270	536	589	522	1111	53	40	93	908	832	1,740
	TOTAL WITHOUT PSYCHOSIS										78	18	96										329	188	517
	GRAND TOTAL	73	65	138	148	122	270	11	11	22	310	216	526	266	270	536	589	522	1111	53	40	93	1,237	1,020	2,257

TABLE No. 32

DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	GRAND TOTAL			RECOVERED																				
					0–5 Months			6–11 Months			1–2 Years			3–4 Years			5 Years and over			Unascertained			Total Recovered		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	67	19	86	6	2	8	2	0	2	2	0	2	1	0	1	2	1	3				13	3	16
	02. With other forms of Syphilis	4	1	5																					
	03. With Epidemic Encephalitis	6	2	8	1	0	1																1	0	1
	04. With other Infectious Diseases	2	2	4	1	1	2																1	1	2
	05. Alcoholic Psychoses	39	6	45	25	5	30	2	0	2							1	0	1				28	5	33
	06a. Due to Opium and Other Drugs	1	10	11	1	7	8																1	7	8
	06b. Due to other Exogenous Toxins	2	6	8	1	3	4																1	3	4
	07. Traumatic Psychoses	7	0	7	1	0	1																1	0	1
	08. With Cerebral Arteriosclerosis	35	37	72	3	9	12	1	0	1													4	9	13
	09. With other Disturbances of Circulation	3	4	7	2	1	3																2	1	3
	10. With Convulsive Disorders (Epilepsy)	24	11	35	3	0	3	1	1	2	3	3	6	0	1	1	1	0	1				8	5	13
	11. Senile Psychoses	15	14	29	1	1	2																1	1	2
	12. Involutional Psychoses	23	56	79	2	7	9	1	5	6	1	1	5	1	0	1							8	13	21
	13. Due to other Metabolic, etc., Diseases	11	31	42	4	16	20	1	2	3				1	0	1							6	18	24
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System	2	3	5	0	1	1																0	1	1
	16. Psychoneuroses	53	81	134	22	26	48	1	1	2	2	0	2										25	27	52
	17. Manic-Depressive Psychoses	216	247	463	64	74	138	15	21	36	13	11	24	5	5	10	5	5	10				102	116	218
	18. Dementia Praecox (Schizophrenia)	334	251	585	31	29	60	10	13	23	6	6	12	4	2	6	1	0	1				52	50	102
	19. Paranoia and Paranoid Conditions	23	13	36	3	1	4	1	0	1	0	1	1										4	2	6
	20. With Psychopathic Personality	4	3	7	1	0	1				1	0	1										2	0	2
	21. With Mental Deficiency	25	25	50	1	0	1	0	1	1	0	2	2				1	0	1				2	3	5
	22. Undiagnosed Psychoses	12	10	22	3	3	6	1	2	3													4	5	9
	TOTAL WITH PSYCHOSIS	908	832	1,740	176	186	362	36	46	82	31	24	55	12	8	20	11	6	17				266	270	536
	TOTAL WITH PSYCHOSIS	329	188	517																					
	GRAND TOTAL	1,237	1,020	2,257																					

TABLE No. 32—(Continued)

DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	IMPROVED																				
		0–5 Months			6–11 Months			1–2 Years			3–4 Years			5 Years and over			Unascertained			Total Improved		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	24	8	32	12	2	14	9	5	14	3	0	3	3	1	4				51	16	67
	02. With other forms of Syphilis	0	1	1	1	0	1	1	0	1										2	1	3
	03. With Epidemic Encephalitis	2	2	4	1	0	1													3	2	5
	04. With other Infectious Diseases	1	0	1				0	1	1										1	1	2
	05. Alcoholic Psychoses	7	0	7	3	1	4	1	0	1										11	1	12
	06a. Due to Opium and Other Drugs	0	2	2	0	1	1													0	3	3
	06b. Due to other Exogenous Toxins	0	1	1	1	2	3													1	3	4
	07. Traumatic Psychoses	4	0	4							1	0	1							5	0	5
	08. With Cerebral Arteriosclerosis	14	14	28	3	8	11	4	1	5	2	2	4	3	1	4				26	26	52
	09. With other Disturbances of Circulation	0	1	1	0	1	1	0	1	1										0	3	3
	10. With Convulsive Disorders (Epilepsy)	6	1	7	2	1	3	3	1	4				2	2	4				13	5	18
	11. Senile Psychoses	6	7	13	2	4	6	2	0	2	1	1	2	2	1	3				13	13	26
	12. Involutional Psychoses	8	22	30	1	6	7	3	11	14	0	1	1	1	2	3				13	42	55
	13. Due to other Metabolic, etc., Diseases	3	7	10	1	0	1	1	3	4	0	1	1	0	1	1				5	12	17
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System										1	0	1							1	0	1
	16. Psychoneuroses	20	42	62	4	3	7	1	4	5	0	2	2	1	2	3				26	53	79
	17. Manic-Depressive Psychoses	52	54	106	19	33	52	22	20	42	9	8	17	7	10	17				109	125	234
	18. Dementia Praecox (Schizophrenia)	99	82	181	54	22	76	47	35	82	19	11	30	41	31	72				260	181	441
	19. Paranoia and Paranoid Conditions	6	4	10	5	2	7	5	2	7	1	2	3	2	1	3				19	11	30
	20. With Psychopathic Personality	1	2	3	1	1	2													2	3	5
	21. With Mental Deficiency	7	8	15	4	1	5	3	2	5	3	1	4	4	6	10				21	18	39
	22. Undiagnosed Psychoses	3	2	5	4	0	4	0	1	1										7	3	10
	Total with Psychosis	263	260	523	118	88	206	102	87	189	40	29	69	66	58	124				589	522	1111
	Total with Psychosis																					
	GRAND TOTAL																					

TABLE No. 32—(Concluded)

DISCHARGES BY CONDITION ON DISCHARGE, LENGTH OF STAY IN HOSPITAL AND DIAGNOSIS

	DIAGNOSIS	UNIMPROVED																				
		0–5 Months			6–11 Months			1–2 Years			3–4 Years			5 Years and over			Unascertained			Total Improved		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	3	0	3																3	0	3
	02. With other forms of Syphilis	2	0	2																2	0	2
	03. With Epidemic Encephalitis	1	0	1	1	0	1													2	0	2
	04. With other Infectious Diseases																					
	05. Alcoholic Psychoses																					
	06a. Due to Opium and Other Drugs																					
	06b. Due to other Exogenous Toxins																					
	07. Traumatic Psychoses	1	0	1																1	0	1
	08. With Cerebral Arteriosclerosis	3	2	5	1	0	1							1	0	1				5	2	7
	09. With other Disturbances of Circulation	1	0	1																1	0	1
	10. With Convulsive Disorders (Epilepsy)	1	1	2				1	0	1	1	0	1							3	1	4
	11. Senile Psychoses	1	0	1																1	0	1
	12. Involutional Psychoses	2	0	2				0	1	1										2	1	3
	13. Due to other Metabolic, etc., Diseases										0	1	1							0	1	1
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System	0	1	1				0	1	1	1	0	1							1	2	3
	16. Psychoneuroses	2	1	3																2	1	3
	17. Manic-Depressive Psychoses	2	3	5	1	0	1	2	1	3	0	1	1	0	1	1				5	6	11
	18. Dementia Praecox (Schizophrenia)	10	11	21	3	2	5	5	3	8	1	1	2	3	3	6				22	20	42
	19. Paranoia and Paranoid Conditions																					
	20. With Psychopathic Personality																					
	21. With Mental Deficiency	1	1	2				1	2	3				0	1	1				2	4	6
	22. Undiagnosed Psychoses	1	1	2	0	1	1													1	2	3
	TOTAL WITH PSYCHOSIS	31	21	52	6	3	9	9	8	17	3	3	6	4	5	9				53	40	93
	TOTAL WITH PSYCHOSIS																					
	GRAND TOTAL																					

TABLE 32A

DISCHARGES BY CONDITION ON DISCHARGE AND LENGTH OF STAY IN HOSPITAL*

LENGTH OF STAY IN HOSPITAL*	FIRST ADMISSION					RE-ADMISSIONS					ALL ADMISSIONS				
	Recov.	Imp.	Unimp.	Without Psychosis	TOTAL	Recov.	Imp.	Unimp.	Without Psychosis	TOTAL	Recov.	Imp.	Unimp.	Without Psychosis	TOTAL
–5 months	274	411	46	212	943	88	112	6	58	264	362	523	52	270	1,207
–11 months	58	151	7	52	268	24	55	2	15	96	82	206	9	67	364
–2 years	41	137	10	87	275	14	52	7	12	85	55	189	17	99	360
–4 years	12	51	2	43	108	8	18	4	9	39	20	69	6	52	147
years and over	13	91	6	27	137	4	33	3	2	42	17	124	9	29	179
nascertained	......	......	......	......	......	......	......	......	......	......	......	......	......	......	......
TOTAL	398	841	71	421	1,731	138	270	22	96	526	536	1,111	93	517	2,257

* This admission.

TABLE No. 33
DEATHS BY DIAGNOSIS

	DIAGNOSIS	First Admissions			Re-Admissions			TOTAL		
		M.	F	T.	M.	F	T.	M.	F	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	39	8	47	4	0	4	43	8	51
	02. With other forms of Syphilis	–	–	–	–	–	–	–	–	–
	03. With Epidemic Encephalitis	2	0	2	–	–	–	2	0	2
	04. With other Infectious Diseases	3	5	8	–	–	–	3	5	8
	05. Alcoholic Psychoses	2	2	4	–	–	–	2	2	4
	06a. Due to Opium and Other Drugs	0	3	3	–	–	–	0	3	3
	06b. Due to other Exogenous Toxins	0	1	1	–	–	–	0	1	1
	07. Traumatic Psychoses	3	1	4	–	–	–	3	1	4
	08. With Cerebral Arteriosclerosis	81	53	134	10	3	13	91	56	147
	09. With other Disturbances of Circulation	7	2	9	–	–	–	7	2	9
	10. With Convulsive Disorders (Epilepsy)	13	11	24	2	2	4	15	13	28
	11. Senile Psychoses	79	80	159	3	6	9	82	86	168
	12. Involutional Psychoses	7	14	21	0	1	1	7	15	22
	13. Due to other Metabolic, etc. Diseases	6	9	15	–	–	–	6	9	15
	14. Due to New Growth	2	2	4	–	–	–	2	2	4
	15. With Organic Changes of Nervous System	3	7	10	0	1	1	3	8	11
	16. Psychoneuroses	1	1	2	–	–	–	1	1	2
	17. Manic-Depressive Psychoses	26	35	61	16	12	28	42	47	89
	18. Dementia Praecox (Schizophrenia)	67	88	155	10	14	24	77	102	179
	19. Paranoia and Paranoid Conditions	5	3	8	–	–	–	5	3	8
	20. With Psychopathic Personality	–	–	–	–	–	–	–	–	–
	21. With Mental Deficiency	10	8	18	1	1	2	11	9	20
	22. Undiagnosed Psychoses	4	3	7	0	1	1	4	4	8
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	1	0	1	2	1	3	3	1	4
	231b. Epileptics who are Feebleminded	16	10	26	3	4	7	19	14	33
	232. Alcoholism	–	–	–	–	–	–	–	–	–
	233. Drug Addiction	1	0	1	0	1	1	1	1	2
	234. Mental Deficiency	25	22	47	2	2	4	27	24	51
	235. Disorders of Personality	–	–	–	–	–	–	–	–	–
	236. Psychopathic Personality	–	–	–	–	–	–	–	–	–
	24. Primary Behaviour Disorders	–	–	–	–	–	–	–	–	–
	Total 1-22	360	336	696	46	41	87	406	377	783
	Total 23-24	43	32	75	7	8	15	50	40	90
	GRAND TOTAL	403	368	771	53	49	102	456	417	873

TABLE 34

DEATHS BY TOTAL DURATION OF HOSPITAL LIFE

LENGTH OF STAY	First Admissions			Re-Admissions			TOTAL		
	M	F	T	M	F	T	M	F	T
Under 1 month	81	56	137	3	1	4	84	57	141
1 - 3 months	62	46	108	8	1	9	70	47	117
4 - 7 months	27	31	58	7	1	8	34	32	66
8 - 11 months	20	11	31	1	4	5	21	15	36
1 - 2 years	72	67	139	5	11	16	77	78	155
3 - 4 years	47	23	70	6	6	12	53	29	82
5 - 6 years	17	18	37	6	5	11	24	24	48
7 - 8 years	9	15	22	3	5	8	11	19	30
9 - 10 years	6	11	17	2	3	5	8	14	22
10 years and over	62	89	151	12	13	25	74	102	176
TOTAL DEATHS	403	367	770	53	50	103	456	417	873

TABLE No. 35
CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	TOTAL			PSYCHOSES																	
				General Paresis			Alcoholic			With Cerebral Arteriosclerosis			With Convulsive Disorders (Epil.)			Senile			Involutional		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases																					
Typhoid and paratyphoid fever																					
Measles	0	1	1																		
Scarlet fever																					
Diphtheria																					
Influenza	4	1	5	2	0	2										1	0	1			
Dysentery																					
Tuberculosis of the respiratory system	35	24	59	1	1	2	1	0	1	1	0	1	1	0	1				1	1	2
Other forms of tuberculosis	1	1	2																		
Syphilis	2	0	2																		
Purulent infection, septicaemia	4	1	5	1	0	1							1	0	1	0	1	1			
Other infectious and parasitic diseases	0	3	3																		
Cancer and other Tumours																					
Cancer and other malignant tumours	13	25	38	0	1	1	0	1	1	1	2	3	1	2	3	1	4	5			
Tumours, non-malignant and unspecified	0	1	1																		
Rheumatic Diseases, Diseases of Nutrition and of Endocrine Glands and Other General Diseases																					
Acute rheumatic fever																					
Chronic rheumatism and gout																					
Diabetes mellitus	1	2	3	1	0	1				0	1	1									
Diseases of the thyroid and parathyroid glands	0	1	1																		
Other general diseases	1	1	2										1	0	1						
Diseases of the Blood and Blood Forming Organs																					
Anaemia	3	1	4													1	0	1			
Leukaemias, aleukaemias, and other diseases of the blood and blood forming organs	1	4	5							0	1	1									
Chronic Poisonings and Intoxications																					
Alcoholism (acute or chronic)	2	2	4				1	1	2							1	0	1			
Other chronic poisonings	0	1	1																		
Diseases of the Nervous System and Organs of Special Sense																					
Simple meningitis																					
Progressive locomotor ataxia (tabes dorsalis)																					
Cerebral haemorrhage, cerebral embolism and thrombosis	31	25	56	1	0	1				12	6	18	1	1	2	4	2	6	0	1	1
General paralysis of the insane	24	4	28	24	2	26															
Dementia praecox and other psychoses	10	15	25	1	0	1				1	1	2							0	3	3
Epilepsy	8	6	14										1	3	4						
Other diseases of the nervous system	9	10	19													1	0	1			
Diseases of the eye, ear and their annexa	0	3	3																		
Diseases of the Circulatory System																					
Pericarditis																					
Acute and chronic endocarditis, valvular diseases	5	6	11													0	1	1			
Diseases of the myocardium	74	80	154	1	1	2				22	13	35	4	3	7	14	22	36	2	2	4
Diseases of the coronary arteries and angina pectoris	11	15	26							1	3	4				3	1	4	0	1	1
Other diseases of the heart	3	3	6							0	1	1									
Arteriosclerosis	25	24	49							5	6	11				12	8	20			
Other diseases of the circultory system	8	3	11							0	1	1	1	0	1	4	0	4			

TABLE No. 35—(Continued)

CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	TOTAL			PSYCHOSES																	
				General Paresis			Alcoholic			With Cerebral Arteriosclerosis			With Convulsive Disorders (Epil.)			Senile			Involutional		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Diseases of the Respiratory System																					
Bronchitis																					
Pneumonias (lobar, broncho and unspecified)	140	120	260	9	3	12				45	21	66	3	4	7	26	36	62	2	5	7
Pleurisy	5	0	5																1	0	1
Other diseases of the respiratory system (not tuberculosis)	7	7	14							2	0	2				0	1	1	1	1	2
Diseases of the Digestive System																					
Ulcer of the stomach or duodenum	1	2	3													1	1	2			
Diarrhoea and enteritis	5	3	8																		
Appendicitis																					
Hernia, intestinal obstruction	3	0	3																		
Cirrhosis of the liver	1	0	1	1	0	1															
Other diseases of the liver and biliary passages including biliary calculi																					
Other diseases of the digestive system	0	1	1																		
Diseases of the Genito-Urinary System																					
Nephritis	1	1	2																		
Other diseases of the kidneys and ureters	0	1	1													0	1	1			
Calculi of the urinary passages																					
Diseases of the bladder (tumours excepted)	0	1	1																		
Diseases of the urethra, urinary abscess, etc.																					
Diseases of the prostate																					
Diseases of the genital organs, not specified as venereal	0	1	1																		
Diseases of Pregnancy, Childbirth and the Puerperal State																					
Puerperal septicaemia																					
Other diseases of pregnancy, childbirth and puerperal state	0	1	1																		
Diseases of the Skin and Cellular Tissue	0	2	2																		
Diseases of the Bones and Organs of Locomotion	1	1	2							1	0	1				0	1	1			
Congenital malformations																					
Senility	14	10	24													13	7	20			
Violent or Accidental Death																					
Suicide	0	2	2																0	1	1
Homicide																					
Accidental drowning																					
Accidental burns																					
Other accidents	2	1	3	1	0	1							1	0	1						
Ill-Defined Causes of Death	1	0	1																		
GRAND TOTAL	456	417	873	43	8	51	2	2	4	91	56	147	15	13	28	82	86	168	7	15	22

TABLE No. 35—(Continued)
CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	PSYCHOSES																					Without Psychosis and Primary Behaviour Disorders		
	Psycho-neurosis			Manic-Depressive			Dementia Praecox (Schizophrenia)			Paranoia and Paranoid Conditions			With Psychopathic Personality			With Mental Deficiency			All Other					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Infectious and Parasitic Diseases																								
Typhoid and paratyphoid fever																								
Measles																						0	1	1
Scarlet fever																								
Diphtheria																								
Influenza																			1	1	2			
Dysentery																								
Tuberculosis of the respiratory system	1	0	1	3	5	8	15	13	28	1	0	1				3	2	5	2	2	4	5	0	5
Other forms of tuberculosis							1	0	1													0	1	1
Syphilis				2	0	2																		
Purulent infection, septicaemia				1	0	1													1	0	1			
Other infectious and parasitic diseases																						0	3	3
Cancer and other Tumours																								
Cancer and other malignant tumours				0	4	4	5	5	10	0	2	2				1	0	1	3	3	6	1	1	2
Tumours, non-malignant and unspecified				0	1	1																		
Rheumatic Diseases, Diseases of Nutrition and of Endocrine Glands and Other General Diseases																								
Acute rheumatic fever																								
Chronic rheumatism and gout																								
Diabetes mellitus							0	1	1															
Diseases of the thyroid and parathyroid glands																						0	1	1
Other general diseases																						0	1	1
Diseases of the Blood and Blood Forming Organs																								
Anaemia																			1	0	1	1	1	2
Leukaemias, aleukaemias, and other diseases of the blood and blood forming organs				0	1	1	1	1	2										0	1	1			
Chronic Poisonings and Intoxications																								
Alcoholism (acute or chronic)																			0	1	1			
Other chronic poisonings																			0	1	1			
Diseases of the Nervous System and Organs of Special Sense																								
Simple meningitis																								
Progressive locomotor ataxia (tabes dorsalis)																								
Cerebral haemorrhage, cerebral embolism and thrombosis				4	3	7	3	7	10										4	4	8	2	1	3
General paralysis of the insane							0	1	1													0	1	1
Dementia praecox and other psychoses				6	1	7	2	5	7							0	1	1	0	3	3	0	1	1
Epilepsy																						7	3	10
Other diseases of the nervous system				1	0	1	1	0	1										0	6	6	6	4	10
Diseases of the eye, ear and their annexa																						0	3	3
Diseases of the Circulatory System																								
Pericarditis																								
Acute and chronic endocarditis, valvular diseases	0	1	1				3	2	5							1	0	1	1	0	1	0	2	2
Diseases of the myocardium				8	12	20	12	21	33							1	3	4	7	1	8	3	2	5
Diseases of the coronary arteries and angina pectoris				3	1	4	2	6	8	0	1	1				1	0	1	1	0	1	0	2	2
Other diseases of the heart				0	2	2	3	0	3															
Arteriosclerosis				2	2	4	4	7	11										2	1	3			
Other diseases of the circulatory system				1	0	1	2	0	2										0	2	2			

TABLE No. 35—(Concluded)
CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	PSYCHOSES																					Without Psychosis and Primary Behaviour Disorders		
	Psycho-neurosis			Manic-Depressive			Dementia Praecox (Schizophrenia)			Paranoia and Paranoid Conditions			With Psychopathic Personality			With Mental Deficiency			All Other					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Diseases of Respiratory System																								
Bronchitis																			0	0	0			
Pneumonias (lobar, broncho and unspecified)				8	12	20	17	24	41	3	0	3				2	3	5	7	4	11	18	8	26
Pleurisy				1	0	1				1	0	1										2	0	2
Other diseases of the respiratory system (not tuberculosis)				2	0	2	2	4	6										0	1	1			
Diseases of the Digestive System																								
Ulcer of the stomach or duodenum																			0	1	1			
Diarrhoae and enteritis																						5	3	8
Appendicitis																								
Hernia, intestinal obstruction							2	0	2							1	0	1						
Cirrhosis of the liver																								
Other diseases of the liver and biliary passages including biliary calculi																								
Other diseases of the digestive system							0	1	1															
Diseases of the Genito-Urinary System																								
Nephritis				0	1	1	1	0	1															
Other diseases of the kidneys and ureters																								
Calculi of the urinary passages																								
Diseases of the bladder (tumours excepted)							0	1	1															
Diseases of the urethra, urinary abscess, etc.																								
Diseases of the prostate																								
Diseases of the genital organs, not specified as venereal							0	1	1															
Diseases of Pregnancy, Childbirth and the Puerperal State																								
Puerperal septicaemia																								
Other diseases of pregnancy, childbirth and puerperal state																			0	1	1			
Diseases of the Skin and Cellular Tissue				0	1	1													0	1	1			
Diseases of the Bones and Organs of Locomotion																								
Congenital malformations																								
Senility							0	2	2							1	0	1	0	1	1			
Violent or Accidental Death																								
Suicide				0	1	1																		
Homicide																								
Accidental drowning																								
Accidental burns																								
Other accidents																						0	1	1
Ill-Defined Causes of Death							1	0	1															
GRAND TOTAL	1	1	2	42	47	89	77	102	179	5	3	8	0	0	0	11	9	20	31	35	65	50	40	90

TABLE No. 36

DEATHS BY AGE, SEX AND DIAGNOSIS

		DIAGNOSIS	TOTAL			AGE GROUP																							
						Under 10			10–14			15–19			20–24			25–29			30–34			35–39					
			M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.			
WITH PSYCHOSIS	01.	With Syphilitic Meningo-Encephalitis	43	8	51										1	0	1	1	0	1	0	1	1	5	2	7			
	02.	With other forms of Syphilis	0	0	0																								
	03.	With Epidemic Encephalitis	2	0	2							1	0	1															
	04.	With other Infectious Diseases	3	5	8										0	1	1	0	1	1	0	1	1	1	1	2			
	05.	Alcoholic Psychoses	2	2	4																								
	06a.	Due to Opium and Other Drugs	0	3	3																								
	06b.	Due to other Exogenous Toxins	0	1	1																								
	07.	Traumatic Psychoses	3	1	4																								
	08.	With Cerebral Arteriosclerosis	91	56	147																								
	09.	With other Disturbances of Circulation	7	2	9																								
	10.	With Convulsive Disorders (Epilepsy)	15	13	28							1	1	2	1	0	1	1	1	2				0	2	2			
	11.	Senile Psychoses	82	86	168																								
	12.	Involutional Psychoses	7	15	22																								
	13.	Due to other Metabolic, etc., Diseases	6	9	15							1	0	1							0	2	2	0	1	1			
	14.	Due to New Growth	2	2	4													1	0	1									
	15.	With Organic Changes of Nervous System	3	8	11																								
	16.	Psychoneuroses	1	1	2																			0	1	1			
	17.	Manic-Depressive Psychoses	42	47	89										1	0	1	2	0	2	3	2	5	2	5	7			
	18.	Dementia Praecox (Schizophrenia)	77	102	179										2	3	5	4	3	7	6	1	7	3	6	9			
	19.	Paranoia and Paranoid Conditions	5	3	8																								
	20.	With Psychopathic Personality	0	0	0																								
	21.	With Mental Deficiency	11	9	20										1	1	2	0	1	1	2	1	3	0	2	2			
	22.	Undiagnosed Psychoses	4	4	8													0	1	1				1	1	2			
WITHOUT PSYCHOSIS	231a.	Epileptics not Psychotic or Feebleminded	3	1	4																0	1	1						
	231b.	Epileptics who are Feebleminded	19	14	33	5	0	5	1	3	4	4	3	7	2	4	6	4	1	5	1	2	3						
	232.	Alcoholism	0	0	0																								
	233.	Drug Addiction	1	1	2																								
	234.	Mental Deficiency	27	24	51	4	4	8	1	2	3	2	2	4	5	1	6	1	2	3	1	5	6	2	0	2			
	235.	Disorders of Personality	0	0	0																								
	236.	Psychopathic Personality	0	0	0																								
	24.	Primary Behaviour Disorders	0	0	0																								
		TOTAL 1–22	406	377	783							3	1	4	6	5	11	9	7	16	11	8	19	12	21	33			
		TOTAL 23–24	50	40	90	9	4	13	2	5	7	6	5	11	7	5	12	5	3	8	2	8	10	2	0	2			
		GRAND TOTAL	456	417	873	9	4	13	2	5	7	9	6	15	13	10	23	14	10	24	13	16	29	14	21	35			

TABLE No. 36—(Concluded)

DEATHS BY AGE, SEX AND DIAGNOSIS

		DIAGNOSIS	AGE GROUP																					
			40–44			45–49			50–54			55–59			60–64			65–69			70 and Over			Unascertained		
			M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01.	With Syphilitic Meningo-Encephalitis	6	0	6	3	2	5	8	0	8	10	3	13	5	0	5	2	0	2	2	0	2			
	02.	With other forms of Syphilis																								
	03.	With Epidemic Encephalitis				1	0	1																		
	04.	With other Infectious Diseases	0	1	1							2	0	2												
	05.	Alcoholic Psychoses							0	1	1	1	1	2	1	0	1									
	06a.	Due to Opium and Other Drugs							0	1	1	0	1	1							0	1	1			
	06b.	Due to other Exogenous Toxins										0	1	1												
	07.	Traumatic Psychoses							1	0	1				1	1	2				1	0	1			
	08.	With Cerebral Arteriosclerosis	0	1	1				1	6	7	4	4	8	14	10	24	22	12	34	50	23	73			
	09.	With other Disturbances of Circulation				1	0	1	0	1	1	1	1	2	2	0	2	1	0	1	2	0	2			
	10.	With Convulsive Disorders (Epilepsy)	0	1	1	0	1	1	1	1	2	2	1	3	3	0	3	5	4	9	1	1	2			
	11.	Senile Psychoses										1	0	1	3	1	4	7	7	14	71	77	148	0	1	1
	12.	Involutional Psychoses	0	1	1	0	1	1	0	5	5	4	6	10	1	0	1	1	1	2	1	1	2			
	13.	Due to other Metabolic, etc., Diseases	0	1	1	0	1	1	3	1	4	0	1	1	0	1	1	2	1	3						
	14.	Due to New Growth	1	0	1				0	1	1				0	1	1									
	15.	With Organic Changes of Nervous System	0	1	1	0	1	1				1	2	3	0	1	1	2	0	2	0	3	3			
	16.	Psychoneuroses																1	0	1						
	17.	Manic-Depressive Psychoses	1	5	6	1	5	6	6	6	12	7	2	9	3	8	11	8	3	11	8	11	19			
	18.	Dementia Praecox (Schizophrenia)	6	8	14	9	6	15	8	10	18	7	17	24	14	9	23	11	10	21	7	29	36			
	19.	Paranoia and Paranoid Conditions				1	0	1	1	0	1	1	1	2				1	1	2	1	1	2			
	20.	With Psychopathic Personality																								
	21.	With Mental Deficiency				1	0	1	3	0	3	1	1	2	1	1	2	1	2	2	1	1	2			
	22.	Undiagnosed Psychoses				1	0	1	1	0	1	0	1	1	1	1	2									
WITHOUT PSYCHOSIS	231a.	Epileptics not Psychotic or Feebleminded	1	0	1				1	0	1										1	0	1			
	231b.	Epileptics who are Feebleminded				1	0	1				0	1	1				1	0	1						
	232.	Alcoholism																								
	233.	Drug Addiction				1	0	1	0	1	1															
	234.	Mental Deficiency	3	2	5	2	1	3	1	1	2	1	2	3	2	0	2	1	0	1	1	2	3			
	235.	Disorders of Personality																								
	236.	Psychopathic Personality																								
	24.	Primary Behaviour Disorders																								
		TOTAL 1–22	14	19	33	18	17	35	33	33	66	42	43	85	49	34	83	64	40	104	145	148	293	0	1	1
		TOTAL 23–24	4	2	6	4	1	5	2	2	4	1	3	4	2	0	2	2	0	2	2	2	4			
		GRAND TOTAL	18	21	39	22	18	40	35	35	70	43	46	89	51	34	85	66	40	106	147	150	297	0	1	1

TABLE No.

DEATHS BY TOTAL DURATION OF HOSPITAL LIFE AND DIAGNOSIS

		DIAGNOSIS	TOTAL			TOTAL DURATION OF HOSPITAL LIFE																				
						Less than 1 month			1–3 months			4–7 months			8–11 months			1–2 years			3–4 years			5–6 years		
			M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T
With Psychosis	01.	With Syphilitic Meningo-Encephalitis	43	8	51	2	1	3	15	0	15	2	2	4	6	0	6	7	0	7	6	1	7	1	2	3
	02.	With other forms of Syphilis	0	0	0																					
	03.	With Epidemic Encephalitis	2	0	2																1	0	1	1	0	1
	04.	With other Infectious Diseases	3	5	8	0	3	3	2	1	3				1	0	1	0	1	1						
	05.	Alcoholic Psychoses	2	2	4	1	1	2										1	0	1	0	1	1			
	06a.	Due to Opium and Other Drugs	0	3	3	0	2	2	0	1	1															
	06b.	Due to other Exogenous Toxins	0	1	1	0	1	1																		
	07.	Traumatic Psychoses	3	1	4				1	0	1							2	1	3						
	08.	With Cerebral Arteriosclerosis	91	56	147	34	11	45	20	10	30	8	11	19	2	3	5	16	13	29	4	3	7	3	2	5
	09.	With other Disturbances of Circulation	7	2	9	4	0	4	0	1	1	1	0	1	1	0	1	0	1	1	1	0	1			
	10.	With Convulsive Disorders (Epilepsy)	15	13	28	0	1	1	1	1	2	1	0	1	0	1	1	6	2	8	2	0	2	2	1	3
	11.	Senile Psychoses	82	86	168	22	16	38	13	13	26	9	9	18	4	6	10	18	25	43	9	5	14	1	1	2
	12.	Involutional Psychoses	7	15	22	1	0	1	0	5	5	1	1	2	1	1	2	1	3	4	0	1	1	1	1	2
	13.	Due to other Metabolic, etc., Diseases	6	9	15	3	4	7	3	0	3	0	1	1	0	1	1	0	2	2						
	14.	Due to New Growth	2	2	4	1	1	2	0	1	1	1	0	1												
	15.	With Organic Changes of Nervous System	3	8	11	1	1	2										1	3	4	0	1	1	1	1	2
	16.	Psychoneuroses	1	1	2																1	1	2			
	17.	Manic-Depressive Psychoses	42	47	89	6	10	16	6	4	10	4	5	9	2	1	3	7	8	15	5	5	10	4	2	6
	18.	Dementia Praecox (Schizophrenia)	77	102	179	1	3	4	2	4	6	1	0	1	1	2	3	8	10	18	16	6	22	7	6	13
	19.	Paranoia and Paranoid Conditions	5	3	8													2	2	4	1	0	1			
	20.	With Psychopathic Personality	0	0	0																					
	21.	With Mental Deficiency	11	9	20	1	0	1	2	0	2	1	0	1				0	1	1	2	2	4	2	1	3
	22.	Undiagnosed Psychoses	4	4	8	2	2	4										1	1	2	1	0	1	0	1	1
Without Psychosis	231a.	Epileptics not Psychotic or Feebleminded	3	1	4							1	0	1				0	1	1	1	0	1			
	231b.	Epileptics who are Feebleminded	19	14	33	4	0	4	1	1	2	2	1	3							1	1	2	1	5	6
	232.	Alcoholism	0	0	0																					
	233.	Drug Addiction	1	1	2	1	0	1										0	1	1						
	234.	Mental Deficiency	27	24	51				4	5	9	2	2	4	3	0	3	7	3	10	2	2	4	0	1	1
	235.	Disorders of Personality	0	0	0																					
	236.	Psychopathic Personality	0	0	0																					
	24.	Primary Behaviour Disorders	0	0	0																					
		TOTAL 1–22	406	377	783	79	57	136	65	41	106	29	29	58	18	15	33	70	73	143	49	26	75	23	18	41
		TOTAL 23–24	50	40	90	5	0	5	5	6	11	5	3	8	3	0	3	7	5	12	4	3	7	1	6	7
		GRAND TOTAL	456	417	873	84	57	141	70	47	117	34	32	66	21	15	36	77	78	155	53	29	82	24	24	48

TABLE No. 37—(Concluded)

DEATHS BY TOTAL DURATION OF HOSPITAL LIFE AND DIAGNOSIS

	DIAGNOSIS	TOTAL DURATION OF HOSPITAL LIFE																				
		7–8 years			9–10 years			11–12 years			13–14 years			15–19 years			20 years and over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	0	1	1	2	1	3	1	0	1				1	0	1						
	02. With other forms of Syphilis																					
	03. With Epidemic Encephalitis																					
	04. With other Infectious Diseases																					
	05. Alcoholic Psychoses																					
	06a. Due to Opium and Other Drugs																					
	06b. Due to other Exogenous Toxins																					
	07. Traumatic Psychoses																					
	08. With Cerebral Arteriosclerosis	2	2	4				1	0	1				1	1	2						
	09. With other Disturbances of Circulation																					
	10. With Convulsive Disorders (Epilepsy)	0	2	2							1	0	1	1	1	2	1	4	5			
	11. Senile Psychoses	3	0	3	0	2	2	0	3	3	0	1	1	1	2	3	2	3	5			
	12. Involutional Psychoses	0	1	1										2	1	3	0	1	1			
	13. Due to other Metabolic, etc., Diseases				0	1	1															
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System	0	2	2																		
	16. Psychoneuroses																					
	17. Manic-Depressive Psychoses	0	3	3	0	1	1	1	1	2	0	2	2	3	0	3	4	5	9			
	18. Dementia Praecox (Schizophrenia)	1	3	4	0	7	7	2	7	9	8	6	14	6	11	17	24	37	61			
	19. Paranoia and Paranoid Conditions	1	0	1				1	0	1							0	1	1			
	20. With Psychopathic Personality																					
	21. With Mental Deficiency	0	3	3	1	1	2	1	0	1							1	1	2			
	22. Undiagnosed Psychoses																					
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded							1	0	1												
	231b. Epileptics who are Feebleminded	3	1	4	5	0	5	1	2	3	1	0	1	0	2	2	0	1	1			
	232. Alcoholism																					
	233. Drug Addiction																					
	234. Mental Deficiency	1	1	2	0	1	1	0	1	1	4	0	4	1	4	5	3	4	7			
	235. Disorders of Personality																					
	236. Psychopathic Personality																					
	24. Primary Behaviour Disorders																					
	Total 1–22	7	17	24	3	13	16	7	11	18	9	9	18	15	16	31	32	52	84			
	Total 23–24	4	2	6	5	1	6	2	3	5	5	0	5	1	6	7	3	5	8			
	GRAND TOTAL	11	19	30	8	14	22	9	14	23	14	9	23	16	22	38	35	57	92			

TABLE No. 38

GENERAL STATISTICS

YEAR ENDING MARCH 31st, 1940

HOSPITAL	Date Hospital Opened	Acreage		Acres in Fruit and Vegetables	Acres in Grain	Acres in Buildings and Grounds	Acres in Bush or not Cultivated
		Owned	Rented				
Brockville	1894	569	—	40	369	35	125
Cobourg	1901	11	—	3	—	8	—
Fort William	1936	1,250	—	15	465	25	745
Hamilton	1876	525	—	112	339	74	—
Kingston	1854	257	—	23	125	109	—
Langstaff	1930	0	790	40	690	10	50
London	1870	505	—	90	307	70	38
New Toronto	1890	136	—	53	33	50	—
Orillia	1876	500	30	98	180	100	152
Penetang	1904	383	—	78	31	25	249
St. Thomas	1939	463	—	38	266	140	19
Toronto	1846	20	—	3	—	17	—
Whitby	1920	640	—	125	365	150	—
Woodstock	1906	354	—	29	195	90	40
ALL HOSPITALS		5,613	820	747	3,365	903	1,418

TABLE No. 39

CLASSIFICATION OF STAFF BY HOSPITAL

YEAR ENDING MARCH 31, 1940

HOSPITAL	TOTAL STAFF	Superintendent	Physicians (not on ward duty)	Physicians (on ward duty)	Medical Consultants	Psychologists and Psychometrists	Pathologists	Occupational Therapists	Dentists	Dietitians	Teachers	Instructors	Social Service Workers	Superintendent of Nurses	Graduate Nurses (not on ward duty)	Graduate Nurses (on ward duty)	Nurses-in-Training (not on ward duty)	Nurses-in-Training (on ward duty)
Brockville	240	1	1	5	2	1	0	2	1	1	0	2	1	1	4	35	0	54
Cobourg	72	1	1	0	0	0	0	0	1	1	0	0	1	1	1	37	0	0
Fort William	29	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0
Hamilton	278	1	1	7	2	1	1	4	1	2	0	1	1	1	3	43	0	42
Kingston	263	1	1	7	1	1	1	4	1	1	1	1	0	1	1	44	0	64
Langstaff	55	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
London	344	1	1	9*	1	1	1	4	1	1	0	0	1	1	7	87†	1	36‡
New Toronto	296	1	3	6	5	1	0	3	1	1	0	0	1	1	5	71	0	42
Orillia	270	1	1	5	1	1	0	0	2	1	11	2	1	1	2	36	0	33
Penetang	120	1	0	2	0	0	0	1	0	0	1	0	0	1	0	10	0	0
St. Thomas	210	1	2	4	0	0	0	1	1	1	0	0	0	1	2	65	0	0
Toronto	229	1	0	6	4	0	0	5	1	1	0	0	2	1	1	76	0	0
Whitby	384	1	1	10	1	1	0	5	1	1	0	2	1	1	3	107	27	46
Woodstock	297	1	1	6	0	1	0	3	1	2	1	0	0	2	1	109	0	0
ALL HOSPITALS	3,087	13	13	68	17	8	3	32	14	13	14	8	9	14	30	721	28	317

* Includes 3 Medical Internes.
† Includes 9 Post Graduate Nurses.
‡ Includes 14 Affiliate Nurses.

TABLE No. 39—(Concluded)

CLASSIFICATION OF STAFF BY HOSPITAL

YEAR ENDING MARCH 31, 1940

HOSPITAL	Nurse Attendants (not on ward duty)	Nurse Attendants (on ward duty)	Chief Attendant	Attendants (not on ward duty)	Attendants (on ward duty)	Steward, Storekeeper and Store Assistants	Clerical and Stenographic Staff		Kitchen and Dining Room Help		Laundry Help		Other Domestic Help	Farmers, Gardeners and Assistants	Engineers and other Mechanical Help	Other Male Employees	Other Female Employees
							M.	F.	M.	F.	M.	F.					
Brockville	0	0	1	1	61	3	2	8	5	4	1	6	7	7	18	3	2
Cobourg	1	0	0	0	0	2	0	3	1	4	0	2	2	1	7	4	1
Fort William	0	0	1	5	10	1	0	1	1	3	0	0	0	2	1	0	0
Hamilton	0	1	1	10	80	3	2	9	5	9	2	5	0	12	23	3	2
Kingston	1	0	1	0	75	3	1	6	6	0	1	3	7	5	21	1	2
Langstaff	0	0	1	1	34	2	1	0	2	0	0	0	2	9	1	0	0
London	0	1	1	1	89	4	0	10	3	12	3	6	18	16	22	3	2
New Toronto	0	0	1	3	82	3	2	10	5	9	3	5	2	5	21	3	1
Orillia	6	18	1	10	52	3	3	12	9	11	2	5	3	9	20	4	4
Penetang	0	12	1	3	54	2	0	2	2	5	1	3	1	4	7	5	2
St. Thomas	0	0	1	2	72	3	1	6	6	10	0	0	0	4	18	7	2
Toronto	2	1	1	3	61	4	0	4	3	7	2	6	7	2	10	12	6
Whitby	1	0	1	6	93	4	3	10	7	7	1	6	5	10	21	1	0
Woodstock	3	12	1	6	71	3	1	11	6	19	3	4	1	5	12	9	2
ALL HOSPITALS	14	45	13	51	834	40	16	92	61	100	19	51	55	91	202	55	26

TABLE No. 40

EXPENDITURES REPORTED BY ONTARIO HOSPITALS

April 1st, 1939, to March 31st, 1940

HOSPITALS	TOTAL	Brockville	Cobourg	Fort William	Hamilton	Kingston	London
Total Days Stay	5,165,386	415,604	157,418	30,782	544,171	439,865	579,138
Average Daily Population	14,486	1,135	430	84	1,487	1,202	1,582
Medicines*	$ 135,722.61	$ 7,132.66	$ 3,014.38	$ 1,224.23	$ 16,210.71	$ 10,241.96	$ 21,162.53
Provisions	796,672.04	57,870.92	27,553.99	6,512.05	76,480.58	63,182.87	87,435.96
Boarding Out	115,847.90	11,111.65	705.93	0	9,073.30	14,297.83	22,835.09
Fuel, Light and Water	411,553.00	32,081.74	16,251.30	3,534.48	52,204.46	34,224.56	37,297.23
Clothing	139,217.72	9,525.16	5,197.58	1,008.73	12,580.90	9,737.04	15,205.60
Laundry and Cleaning	76,264.99	4,804.83	2,648.38	1,163.88	7,434.69	5,144.40	10,425.77
Furniture and Furnishings	108,152.79	9,169.98	3,146.30	424.31	6,504.05	8,644.23	15,317.47
Office Expense	23,767.56	1,814.06	743.84	290.22	3,004.79	2,250.23	2,196.62
Allowances†	174,134.81	16,297.93	8,762.38	2,013.98	23,926.59	15,347.98	19,915.06
Feed, Fodder and Livestock	141,187.29	13,407.65	0	11,119.53	21,354.47	9,878.55	18,778.40
Farm Expense	53,069.89	5,294.13	241.31	1,491.47	5,937.26	3,304.62	9,676.13
Contingencies	51,204.58	4,162.05	2,135.80	1,834.26	6,685.13	3,917.86	7,005.56
Salaries	2,960,752.46	235,631.42	86,607.59	34,181.09	296,938.18	260,017.64	348,148.78
Total Gross	5,187,547.64	408,304.18	157,008.78	64,798.23	538,335.11	440,189.77	615,400.20
Less Recoveries‡	1,609,014.97	142,321.49	28,343.28	9,607.59	186,690.77	113,816.23	208,230.21
Total Net	3,578,532.67	265,982.69	128,665.50	55,190.64	351,644.34	326,373.54	407,169.99
Repairs to Building Expense	98,167.88	7,572.21	1,678.49	2,104.52	12,984.75	13,052.22	14,451.57
TOTAL	3,676,700.55	273,554.90	130,343.99	57,295.16	364,629.09	339,425.76	421,621.56

* Medicines include tobacco.

† Allowances include employees' meals, employees' uniforms and employees' other allowances.

‡ Recoveries include farm recovery, miscellaneous receipts, perquisites and patient's maintenance.

(Langstaffe figures not available)

TABLE No. 40—(Concluded)

EXPENDITURES REPORTED BY ONTARIO HOSPITALS

APRIL 1ST, 1939, TO MARCH 31ST, 1940

HOSPITALS	New Toronto	Orillia	Penetang	St. Thomas	Toronto	Whitby	Woodstock
Total Days Stay	527,219	718,592	224,357	147,958	412,347	633,687	304,248
Average Daily Population	1,444	1,964	615	767	1,209	1,736	831
Medicines*	$ 14,303.66	$ 9,900.62	$ 6,692.81	$ 5,438.62	$ 13,280.32	$ 12,059.36	$ 15,060.75
Provisions	76,654.74	101,639.81	37,402.35	24,434.41	75,654.02	97,441.29	64,409.05
Boarding Out	16,957.15	0	6,343.50	0	10,323.65	24,199.80	0
Fuel, Light and Water	40,953.71	39,125.66	19,681.09	19,087.86	27,315.20	56,980.83	32,814.88
Clothing	16,516.98	22,457.45	7,390.40	9,257.12	9,851.60	10,897.84	9,591.32
Laundry and Cleaning	7,284.09	9,986.29	3,139.39	5,784.43	6,235.69	9,237.05	2,976.10
Furniture and Furnishings	12,027.10	19,058.61	4,127.00	789.26	9,796.79	14,006.71	5,140.98
Office Expense	2,415.27	2,187.96	1,005.58	1,248.19	1,626.63	2,189.33	2,794.84
Allowances†	14,338.66	17,451.39	10,164.88	5,894.48	9,117.27	25,825.46	5,078.75
Feed, Fodder and Livestock	1,417.32	17,705.90	7,537.49	10,522.44	30.40	20,630.09	8,805.05
Farm Expense	2,589.31	4,697.16	1,733.51	3,705.22	256.75	8,871.81	5,271.21
Contingencies	4,178.00	5,080.82	2,140.55	1,589.66	3,714.12	4,799.43	3,961.34
Salaries	315,704.44	278,908.30	136,647.74	109,349.23	259,801.66	380,095.66	218,720.73
TOTAL GROSS	525,340.43	528,199.97	244,006.29	197,100.92	427,004.10	667,234.66	374,625.00
Less Recoveries‡	123,191.90	145,256.42	58,999.36	27,774.43	95,208.79	312,602.73	156,971.77
TOTAL NET	402,148.53	382,943.55	185,006.93	169,326.49	331,795.31	354,631.93	217,653.23
Repairs to Building Expense	9,157.61	8,947.55	4,222.63	916.32	5,048.58	7,806.76	10,224.67
TOTAL	411,306.14	391,891.10	189,229.56	170,242.81	336,843.89	362,438.69	227,877.90

* Medicines include tobacco.

† Allowances include employees' meals, employees' uniforms and employees' other allowances.

‡ Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

(Langstaffe figures not available)

TABLE No. 41

COST PER PATIENT PER DAY BY HOSPITAL

April 1st, 1939, to March 31st, 1940

ITEMS	Brockville	Cobourg	Fort William	Hamilton	Kingston	London	New Toronto	Orillia	Penetang	St. Thomas	Toronto	Whitby	Woodstock	Total
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Medicines*	1.72	1.92	3.98	2.98	2.33	3.65	2.72	1.38	2.98	3.68	3.02	1.90	4.94	2.62
Provisions	16.60	17.95	21.16	15.72	17.61	19.04	17.75	14.13	19.50	16.51	19.43	19.19	21.16	15.42
Boarding-Out	2.67	.45	—	1.67	3.26	3.94	3.22	—	2.82	—	2.33	3.82	—	2.24
Fuel, Light and Water	7.72	10.32	11.48	9.60	7.78	6.44	7.77	5.44	8.77	12.90	6.15	8.99	10.78	7.97
Clothing	2.29	3.30	3.28	2.31	2.21	2.62	3.13	3.13	3.29	6.26	2.23	1.72	3.15	2.70
Laundry and Cleaning	1.16	1.68	3.78	1.37	1.17	1.80	1.38	1.39	1.39	3.91	1.41	1.46	.97	1.48
Furniture and Furnishings	2.20	2.00	1.38	1.20	1.97	2.65	2.28	2.65	1.84	0.53	2.21	2.21	1.69	2.09
Office Expense	.44	.47	.94	.55	.51	.38	.46	.30	.45	0.84	.36	.34	.91	.46
Allowances†	3.92	5.57	6.54	4.39	3.49	3.23	2.73	2.42	4.54	3.98	2.05	4.08	1.72	3.37
Feed and Fodder	2.68	—	36.12	3.65	1.39	2.94	.27	2.47	3.20	7.11	.01	2.36	2.89	2.73
Farm Expense	1.27	.15	4.84	1.09	.75	1.67	.49	.65	.77	2.50	.06	1.40	1.73	1.03
Contingencies	1.00	1.36	5.96	1.23	.89	1.21	.79	.71	.95	1.07	.84	.76	1.30	.99
Salaries	56.70	55.01	111.03	54.57	59.11	60.11	59.88	38.82	60.91	73.90	58.73	59.99	71.88	57.32
Total Gross Per Diem	97.70	99.73	210.49	98.66	99.21	105.95	99.65	73.49	108.59	133.21	96.50	104.40	123.12	100.43
Less Recoveries‡	33.76	17.87	83.54	34.63	25.87	35.95	22.76	20.22	26.30	18.77	21.51	49.33	51.59	31.15
Total Net Per Diem	63.94	81.86	126.95	64.03	73.34	70.00	76.89	53.27	82.29	114.44	74.99	55.07	71.53	69.28
Repairs to Building Expense	1.82	1.07	6.84	1.38	2.97	2.50	1.74	1.25	1.88	0.62	1.14	1.23	3.36	1.90
TOTAL	65.76	82.93	133.79	65.41	76.31	72.50	78.63	54.52	84.17	115.06	76.13	56.30	74.89	71.18

* Medicines include tobacco.

† Allowances include employees' meals, employees' uniforms and employees' other allowances.

‡ Recoveries include farm recovery, miscellaneous receipts, perquisites and patients' maintenance.

(Note: Langstaff figures not available).

TABLE No. 42

ANNUAL DENTAL REPORT—ONTARIO HOSPITALS

YEAR ENDING MARCH 31, 1940

	TOTAL	Brock-ville	Cobourg	Fort William	Ham-ilton	Kingston	London	New Toronto	Orillia	Penetang	Toronto	Whitby	Wood-stock	Psychi-atric
Patients at Clinic	35,457	3,813	847	315	2,864	2,687	3,673	4,490	3,601	860	2,878	5,656	2,932	841
Examinations Only	10,506	1,144	123	125	622	430	700	2,230	794	128	552	2,304	700	654
Patients Treated (Public Charge)	19,721	1,703	698	136	1,707	2,004	1,910	1,867	2,295	700	2,125	2,713	1,734	129
Patients Treated (Private Charge)	5,230	966	26	54	535	253	1,063	393	512	32	201	639	498	58
Patients X-Rayed	1,620	173	88	0	235	55	346	241	161	5	159	157	0	0
Number of Pictures Taken	15,569	1,887	867	0	1,925	643	4,517	2,028	1,235	0	1,726	741	0	0
Extractions	10,885	822	460	206	989	279	1,737	881	879	367	920	2,508	707	130
General Anaesthetics	106	0	0	6	2	1	60	7	24	0	0	6	0	0
Local Anaesthetics	7,044	791	184	81	946	277	388	582	631	299	904	1,475	392	94
Fillings	8,868	683	394	223	808	278	1,951	473	1,387	69	196	762	1,561	83
Pyorrhea Treatments	4,613	10	13	35	112	1,593	402	1,205	642	0	297	49	250	5
Prophylaxis	6,408	566	131	86	341	1,766	76	801	679	167	593	360	810	32
Other Treatments	6,286	154	87	1	354	1,692	991	764	168	0	798	957	267	53
Replacements	174	4	0	0	4	4	57	53	6	0	40	0	3	3
Dentures Repaired	445	22	21	3	26	32	26	43	19	54	56	22	118	3
Other Work	4,679	149	134	12	42	787	351	976	141	27	194	932	934	0

TABLE No. 43

LABORATORY AND PATHOLOGICAL REPORT

April 1, 1939 to March 31, 1940

PROCEDURES	TOTAL	Brockville	Cobourg	Fort William	Hamilton	Kingston	London	New Toronto	Orillia	Penetang	St. Thomas	Toronto	Whitby	Woodstock	Psychiatric
Urinalysis:															
Chemical	19,662	789	223	151	5,560	1,305	1,556	3,586	693	66	585	1,155	2,270	900	823
Microscopic	13,255	391	0	0	2,252	775	1,556	3,345	536	12	52	835	2,003	761	737
Other Procedures	1,564	2	114	0	7	0	0	1,388	0	0	0	8	0	45	0
Blood Examinations:															
White Cell Counts	4,916	312	8	14	440	153	787	1,297	406	6	109	106	333	205	740
Red Cell Counts	4,724	319	7	13	448	405	775	1,196	507	15	115	108	371	277	168
Differential Counts	1,721	270	5	13	22	32	62	1,023	25	1	37	47	44	95	45
Haemoglobin Estimations	5,777	305	121	3	474	416	837	1,226	509	17	138	176	386	463	706
Chemical Examinations	441	38	0	0	3	41	108	51	0	1	6	59	19	0	115
Blood Cultures	97	1	1	1	3	0	26	2	18	0	1	4	38	0	2
Blood Sugars	959	44	5	0	81	34	182	128	9	1	22	255	105	12	81
Glucose Tolerance Tests	265	9	0	0	1	2	28	222	0	0	0	0	0	0	3
Widal and B. Abortus Agglutinations	921	1	1	2	0	2	899	0	5	1	0	1	0	1	8
Hinton's	1,905	0	14	0	0	54	708	0	136	8	94	50	0	403	438
Wassermann's	2,991	408	125	87	227	216	63	478	274	31	57	553	472	0	0
Kahn's	4,340	408	131	87	0	270	704	478	410	28	151	395	472	403	403
Presumptive Kahn's	109	0	0	0	0	0	109	0	0	0	0	0	0	0	0
Spinal Fluid Examinations:															
Cell Counts	721	3	0	7	0	21	212	221	63	8	1	123	45	1	16
Globulin Tests	847	77	2	12	0	28	212	221	62	5	1	123	36	42	26
Colloidal Golds	798	77	2	11	0	29	212	142	62	4	30	123	36	42	28
Hinton's	35	0	0	0	0	0	0	0	14	0	0	21	0	0	0
Wassermann's	808	77	2	21	31	29	209	144	48	4	29	136	36	42	0
Kahn's	736	61	2	20	0	23	204	144	62	4	29	102	36	42	7
Sputum Examinations	4,944	581	217	14	503	172	634	133	148	21	46	768	374	1,266	67
Throat Swabs	545	7	0	120	0	2	79	6	299	0	0	18	9	0	5
Faecal Examinations	519	13	0	0	22	8	77	22	343	0	1	5	13	9	6
Gastric Analysis	17	3	0	0	0	0	0	10	0	0	1	0	3	0	0
Basal Metabolism	101	0	0	0	0	1	35	29	0	0	1	0	18	0	17
Tissue Examinations															
Surgical	55	2	0	0	0	16	28	0	4	3	0	0	2	0	0
Post Mortem	4	1	0	0	0	0	0	0	3	0	0	0	0	0	0
Autopsies	34	1	0	0	7	2	18	0	3	0	0	1	0	0	2
Serological Therapy	7,131	0	265	174	0	0	1,927	0	146	226	62	1,568	2,034	729	0
Other Tests (not listed)	5,339	333	0	294	48	123	628	336	67	1,413	121	372	369	1,201	34
TOTAL PROCEDURES	86,281	4,533	1,245	1,044	10,129	4,159	12,875	15,828	4,852	1,875	1,689	7,112	9,524	6,939	4,477
Number of Deaths	882	80	7	11	132	57	109	114	54	15	7	108	131	48	9
Patients in Hospital Year Ending March 31, 1940	13,790	1,053	405	90	1,367	1,113	1,480	1,348	1,991	566	0	1,148	1,618	1,194	64

TABLE No. 44

REPORT OF WORK BY ONTARIO HOSPITALS CHEST CLINIC

For Fiscal Year Ending March 31st, 1940

	Toronto Psychiatric		Brockville		Cobourg		Fort William		Hamilton		Kingston		London		New Toronto		Orillia	
	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients
o. of individuals considered	119	517	306	1,343	96	476	36	166	376	1,875	335	1,497	544	2,067	402	1,751	299	2,157
o. of chest examinations performed	9	0	44	42	27	23	0	0	70	129	68	124	70	84	50	94	60	48
o. of chest X-rays interpreted	128	517	327	1,482	109	534	36	168	411	2,055	369	1,669	579	2,254	427	1,946	329	2,262
o. of Tuberculin tests performed	107	...	402	...	62	...	29	...	420	...	262	...	624	...	427	...	367	2,269
o. of cases advised for treatment (active disease)	0	0	2	6	1	2	0	0	0	21	0	31	0	8	0	13	0	4
o. of cases advised for investigation in hospitals. Staff merely repeat X-rays. Patients segregated while investigated	9	10	21	139	13	58	0	2	35	180	34	172	35	187	25	195	30	105
otal number of cases showing significant pulmonary tuberculosis	9	10	23	145	14	60	0	2	35	204	34	203	35	195	25	208	30	109

TABLE No. 44—(Concluded)

REPORT OF WORK BY ONTARIO HOSPITALS CHEST CLINIC

For Fiscal Year Ending March 31st, 1940

	Penetang		Toronto		Whitby		Woodstock		St. Thomas		Langstaff		T.B. Unit		Colony Houses		Totals		GRAND TOTALS
	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	Staff	Patients	
of individuals considered	132	642	323	1,472	448	2,065	222	716	141	...	59	333	...	666	6	60	3,844	17,803	21,647
of chest examinations performed	28	75	71	93	80	169	20	39	0	0	2	23	...	1,032	0	0	599	1,975	2,574
of chest X-rays interpreted	146	741	358	1,629	488	2,252	232	758	141	0	60	354	...	1,032	6	60	4,146	19,713	23,859
of Tuberculin tests performed	109	...	196	...	488	...	198	...	96	...	57	...	...	...	...	...	3,844	2,269	6,113
of cases advised for treatment (active disease)	0	12	1	7	0	24	0	4	0	0	0	2	...	...	0	0	4	137	141
of cases advised for investigation in hospitals. Staff merely repeat rays. Patients segregated while investigated	14	99	35	157	40	187	10	42	0	0	1	21	...	...	0	0	302	1,554	1,856
number of cases showing significant pulmonary tuberculosis	14	111	36	164	40	211	10	46	0	0	1	23	...	...	0	0	306	1,691	1,997

SUPPLEMENTARY STATISTICAL TABLES ON THE ONTARIO HOSPITAL SCHOOL, ORILLIA

(HOSPITAL FOR MENTALLY DEFECTIVE)

TABLE A.

PATIENTS IN RESIDENCE BY SEX AND MENTAL STATUS

MARCH 31, 1940

MENTAL STATUS	Male		Female		TOTAL	
	Number	Per Cent	Number	Per Cent	Number	Per Cent
Idiot	233	23.0	207	21.0	440	22.0
Imbecile	525	51.8	487	49.4	1.012	50.6
Moron	228	22.5	261	26.5	489	24.5
Borderline	23	2.3	25	2.5	48	2.4
Not Mentally Defective	5	0.5	5	0.5	10	0.5
TOTAL	1,014	100.0	985	100.0	1,999	100.0

TABLE B.

FIRST ADMISSIONS BY MENTAL STATUS AND AGE

AGE GROUP (Years)	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10	18	12	30	17	4	21	5	5	10	7	2	9	47	23	70
10 - 14	6	6	12	13	12	25	14	7	21	1	2	3	34	27	61
15 - 19	3	0	3	10	5	15	9	16	25	0	6	6	22	27	49
20 - 24	–	–	–	1	2	3	2	2	4	–	–	–	3	4	7
25 and over	–	–	–	1	1	2	–	–	–	–	–	–	1	1	2
TOTAL	27	18	45	42	24	66	30	30	60	8	10	18	107	82	189

TABLE C.

FIRST ADMISSIONS BY MENTAL STATUS AND ECONOMIC CONDITION

ECONOMIC CONDITION	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Dependent	8	4	12	17	13	30	22	22	44	7	7	14	54	46	100
Marginal	18	13	31	19	11	30	8	8	16	1	3	4	46	35	81
Comfortable ..	1	1	2	6	0	6	–	–	–	–	–	–	7	1	8
Unascertained..	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
TOTAL ...	27	18	45	42	24	66	30	30	60	8	10	18	107	82	189

TABLE D

FIRST ADMISSIONS BY MENTAL STATUS AND CLINICAL DIAGNOSIS

CLINICAL CLASSIFICATION	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Familial	4	4	8	18	8	26	18	19	37	3	6	9	43	37	80
Mongolism	5	2	7	7	5	12	–	–	–	–	–	–	12	7	19
With developmental cranial anomalies	1	2	3	3	3	6	5	1	6	–	–	–	9	6	15
With congenital cerebral spastic infantile paralyses	2	0	2	2	3	5	–	–	–	–	–	–	4	3	7
Post-infectional	3	1	4	2	0	2	0	1	1	–	–	–	5	2	7
Post-traumatic	0	1	1	0	1	1	0	1	1	–	–	–	0	3	3
With epilepsy	7	0	7	2	1	3	–	–	–	0	1	1	9	2	11
With endocrine disorder	0	2	2	–	–	–	1	0	1	–	–	–	1	2	3
Undifferentiated	4	6	10	6	2	8	5	7	12	5	3	8	20	18	38
Other forms	–	–	–	1	0	1	0	1	1	–	–	–	1	1	2
Others	1	0	1	1	1	2	1	0	1	–	–	–	3	1	4
TOTAL	27	18	45	42	24	66	30	30	60	8	10	18	107	82	189

TABLE E

DISCHARGE BY MENTAL STATUS AND CHRONOLOGICAL AGE

AGE GROUP	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	3	0	3	1	2	3	1	1	2	–	–	–	5	3	8
10 - 14 years..	1	3	4	2	2	4	2	2	4	1	0	1	6	7	13
15 - 19 years..	0	1	1	10	3	13	13	8	21	1	2	3	24	14	38
20 - 24 years..	–	–	–	3	2	5	3	6	9	0	2	2	6	10	16
25 and over...	–	–	–	1	1	2	1	2	3	–	–	–	2	3	5
TOTAL....	4	4	8	17	10	27	20	19	39	2	4	6	43	37	80

TABLE F

DISCHARGES BY ABILITY OF PATIENT ON DISCHARGE AND CLINICAL CLASSIFICATION

CLINICAL CLASSIFICATION	Capable of Self-support			Capable of Partial Self-Support			Incapable of Productive Work			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Familial	11	10	21	9	4	13	4	3	7	24	17	41
Mongolism	–	–	–	0	1	1	1	4	5	1	5	6
With developmental cranial anomalies	–	–	–	3	1	4	1	0	1	4	1	5
Post-infectional	1	0	1	2	0	2	1	0	1	4	0	4
With epilepsy	–	–	–	0	1	1	2	0	2	2	1	3
With other organic nervous disease	–	–	–	–	–	–	3	0	3	3	0	3
Undifferentiated	0	3	3	2	8	10	1	1	2	3	12	15
Other forms	–	–	–	1	0	1	–	–	–	1	0	1
Others	–	–	–	1	0	1	0	1	1	1	1	2
TOTAL	12	13	25	18	15	33	13	9	22	43	37	80

TABLE G

DEATHS BY MENTAL STATUS AND CHRONOLOGICAL AGE

AGE GROUP	Idiot			Imbecile			Moron			Not Mentally Defective			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10 years	8	3	11	1	1	2	–	–	–	–	–	–	9	4	13
10 - 14 years..	2	4	6	–	–	–	–	–	–	–	–	–	2	4	6
15 - 19 years ..	4	2	6	1	1	2	0	2	2	–	–	–	5	5	10
20 - 24 years..	4	3	7	0	1	1	2	0	2	–	–	–	6	4	10
25 - 29 years..	2	1	3	0	1	1	–	–	–	–	–	–	2	2	4
30 - 34 years..	1	0	1	0	3	3	–	–	–	–	–	–	1	3	4
35 - 39 years..	1	0	1	–	–	–	–	–	–	–	–	–	1	0	1
40 - 44 years..	0	1	1	–	–	–	–	–	–	–	–	–	0	1	1
45 - 49 years..	1	0	1	0	1	1	–	–	–	–	–	–	1	1	2
50 and over...	0	2	2	0	1	1	–	–	–	–	–	–	0	3	3
Unascertained..	–	–	–	–	–	–	–	–	–	–	–	–	0	0	0
TOTAL...	23	16	39	2	9	11	2	2	4	0	0	0	27	27	54

SUPPLEMENTARY STATISTICAL TABLES ON THE ONTARIO HOSPITAL, WOODSTOCK

TABLE A

FIRST ADMISSIONS AND PATIENTS IN RESIDENCE BY SEX AND MENTAL STATUS

MENTAL STATUS	First Admissions			Patients In Residence		
	Male	Female	Total	Male	Female	Total
Normal	9	8	17	21	23	44
Subnormal	39	27	66	203	207	410
Idiot	2	2	4	15	8	23
Imbecile	9	7	16	67	79	146
Moron	11	9	20	80	90	170
Borderline	17	9	26	41	30	71
Unascertained	26	14	40	397	343	740
TOTAL	74	49	123	621	573	1194

TABLE B

FIRST ADMISSIONS BY EPILEPTIC GROUPS AND TYPES OF SEIZURE

TYPES OF SEIZURE	Symptomatic									Idiopathic			Not Epileptic and Un-classified			TOTAL		
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Petit Mal	–	–	–	–	–	–	0	1	1	1	2	3	–	–	–	1	3	4
Grand Mal	–	–	–	–	–	–	0	1	1	7	5	12	–	–	–	7	6	13
Petit & Grand Mal...	–	–	–	0	2	2	13	1	14	39	21	60	–	–	–	52	24	76
Petit and / or Grand Mal with Post-Epileptic States ..	–	–	–	–	–	–	1	1	2	6	10	16	–	–	–	7	11	18
Jacksonian	–	–	–	–	–	–	1	2	3	–	–	–	–	–	–	1	2	3
Not Epileptic; Hysteroid and Unclassified	–	–	–	–	–	–	–	–	–	–	–	–	4	0	4	4	0	4
TOTAL	0	0	0	0	2	2	15	6	21	53	38	91	4	0	4	72	46	118

TABLE C
FIRST ADMISSIONS BY DURATION OF EPILEPSY BEFORE ADMISSION AND BY EPILEPTIC GROUPS

DURATION OF EPILEPSY BEFORE ADMISSION	Symptomatic									Idiopathic			Not Epileptic and Unclassified			TOTAL		
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 1 year..	–	–	–	–	–	–	–	–	–	1	0	1	–	–	–	1	0	1
1 year	–	–	–	–	–	–	–	–	–	1	1	2	–	–	–	1	1	2
2 years	–	–	–	–	–	–	–	–	–	2	0	2	–	–	–	2	0	2
3 - 4 years....	–	–	–	–	–	–	4	0	4	6	4	10	–	–	–	10	4	14
5 - 9 years....	–	–	–	0	1	1	2	0	2	21	9	30	–	–	–	23	10	33
10 years & over	–	–	–	0	1	1	9	6	15	22	23	45	–	–	–	31	30	61
Unascertained .	–	–	–	–	–	–	–	–	–	0	1	1	4	0	4	4	1	5
TOTAL	0	0	0	0	2	2	15	6	21	53	38	91	4	0	4	72	46	118

TABLE D
ETIOLOGICAL FACTORS* AMONG FIRST ADMISSIONS BY EPILEPTIC GROUPS

ETIOLOGICAL FACTORS	Symptomatic									Idiopathic			Not Epileptic and Unclassified			TOTAL		
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Head injury at birth	–	–	–	–	–	–	6	1	7	–	–	–	–	–	–	6	1	7
Trauma since birth	–	–	–	–	–	–	5	1	6	–	–	–	–	–	–	5	1	6
Developmental defects	–	–	–	–	–	–	11	0	11	24	6	30	–	–	–	35	6	41
Meningo - encephalitic complicating infections x ..	–	–	–	–	–	–	2	4	6	–	–	–	–	–	–	2	4	6
Cerebro - vascular sclerosis	–	–	–	–	–	–	1	0	1	–	–	–	–	–	–	1	0	1
Pregnancy	–	–	–	0	1	1	–	–	–	–	–	–	–	–	–	0	1	1
Family history of convulsions	–	–	–	0	1	1	3	1	4	11	4	15	–	–	–	14	6	20
Other specified causes	–	–	–	0	1	1	2	0	2	11	9	20	–	–	–	13	10	23
Cause unascertained	–	–	–	–	–	–	–	–	–	21	22	43	–	–	–	21	22	43
Not epilepetic..	–	–	–	–	–	–	–	–	–	–	–	–	4	0	4	4	0	4
TOTAL	0	0	0	0	3	3	30	7	37	67	41	108	4	0	4	101	51	152

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*If more than one etiological factor is found, all are reported in table.

x To include all cases due to lesions resulting from non-syphilitic meningitis or encephalitis; e.g., scarlet fever, measles, influenza, typhoid fever, encephalitis lethargia, etc.

TABLE E

DISCHARGES BY EPILEPTIC GROUPS AND CONDITION ON DISCHARGE

CONDITION ON DISCHARGE	Symptomatic									Idiopathic			Not Epileptic and Unclassified			TOTAL		
	Toxaemic						Due to Brain Disease											
	Exogenous			Endogenous														
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Recovered	1	0	1	1	1	2	2	1	3	8	8	16	–	–	–	12	10	22
Improved	1	0	1	2	1	3	8	3	11	19	6	25	–	–	–	30	10	40
Unimproved ..	1	0	1	–	–	–	4	0	4	4	2	6	–	–	–	9	2	11
Not epileptic ..	–	–	–	–	–	–	–	–	–	–	–	–	3	0	3	3	0	3
TOTAL ...	3	0	3	3	2	5	14	4	18	31	16	47	3	0	3	54	22	76

TABLE F

CENSUS OF PATIENT POPULATION AT END OF YEAR

DIAGNOSIS	Remaining in Residence*			On Probation & Eloped		
	Male	Female	Total	Male	Female	Total
Epileptics not insane or feebleminded	51	42	93	12	10	22
Epileptics who are feebleminded	94	128	222	16	7	23
Insane epileptics	156	154	310	12	8	20
Feebleminded, not epileptic	30	22	52	–	–	–
All other cases.................	290	227	517	3	3	6
TOTAL	621	573	1194	43	28	71

*Includes patients in boarding homes.

MENTAL HEALTH CLINICS

C. R. MYERS, Ph.D., CONSULTANT PSYCHOLOGIST

TABLE No. 1

NEW CASES EXAMINED — YEAR ENDING MARCH 31, 1940*

CLINICS AT	Number of New Cases	
	Current Year	All Years
Brockville	669	4,162
Hamilton	579	5,583
Kingston	510	3,138
London	756	5.751
New Toronto	.....	1,720*
Orillia	331	1,568
Whitby	351	3,228
Toronto Psychiatric	639	6,538
ALL CLINICS	3,835	31,688

* New Toronto Clinic figure is for 1931-1937.

Cases examined at the Toronto Psychiatric Hospital Out-Patient Department are not included in the following tables. The cases for certain years at Kingston and Orillia are also omitted.

TABLE No. 2

CLINIC CASES BY REFERRING AGENCY

REFERRING AGENCY	Number of Cases		Percentages	
	Current Year	All Years	Current Year	All Years
Welfare Agencies	1,145	10,125	48.6	43.5
Medical Agencies	1,003	9,317	42.6	40.1
Educational Agencies	115	2,442	4.9	10.5
Family	35	724	1.5	3.1
Voluntary	24	283	1.0	1.2
Private persons (non-family)	29	258	1.2	1.1
Referee not stated	4	109	0.2	0.5
ALL CASES	2,355	23,258	100.0	100.0

TABLE No. 3
SEX OF NEW CASES

SEX	Number of Cases		Percentages	
	Current Year	All Years	Current Year	All Years
Male	1,235	13.284	52.4	57.1
Female	1,120	9,974	47.6	42.9
TOTAL	2,355	23,258	100.0	100.0

TABLE No. 4
AGE OF NEW CASES

AGE	Number of Cases		Percentages	
	Current Year	All Years	Current Year	All Years
0 - 5	280	2,404	11.9	10.3
6 - 13	618	9,105	26.2	39.1
14 - 21	543	4.859	23.1	20.9
22 and over	825	6,090	35.0	26.2
Not stated	89	800	3.8	3.5
ALL AGES	2,355	23,258	100.0	100.0

TABLE No. 5
NEW CASES BY RACIAL ORIGIN

RACIAL ORIGIN	Number of Cases		Percentages	
	Current Year	All Years	Current Year	All Years
English	674	7,251	28.6	31.2
Irish, Scotch and Welsh	401	4,891	17.0	21.0
French	395	3,330	16.8	14.3
Other	316	2,872	13.4	12.3
Not stated	569	4,914	24.2	21.2
TOTAL	2,355	23,258	100.0	100.0

TABLE No. 6

FREQUENCY OF CERTAIN PROBLEMS — GENERAL CLASSIFICATION

PROBLEM	Number of Cases		Percentages*	
	Current Year	All Years	Current Year	All Years
Abnormal Mental Conditions	1,588	11,152	67.4	47.7
Behaviour Difficulties	893	7,722	37.9	33.2
Routine Examination	932	5,536	39.6	23.8
Abnormal Physical Conditions	354	4,462	15.0	19.2
Educational Problems	135	2,880	5.7	12.4
Social Difficulties	184	1,430	7.8	6.3

* Percent of all cases

TABLE No. 7

FREQUENCY OF CERTAIN SPECIFIC PROBLEMS

PROBLEM	Number of Cases		Percentages*	
	Current Year	All Years	Current Year	All Years
Routine Examination ...	932	5,536	39.6	23.8
Suspected Mental Defect	270	3,405	11.4	14.7
Backward at School	122	2,717	5.4	11.6
Stealing	209	1,824	8.9	7.8
Speech Defect	91	1,357	3.9	5.8
Suspected Psychosis	455	2,181	19.2	9.4
Emotional Instability ...	324	1,816	13.7	7.8
Enuresis	64	909	2.7	3.9
Convulsive Seizures	97	876	4.1	3.8
Sex	84	912	3.6	3.9
Incorrigibility	120	853	5.1	3.7
Truancy	109	792	4.6	3.4

* Per cent of all cases

TABLE No. 8

DISTRIBUTION OF CLINIC CASES BY DIAGNOSIS OF INTELLIGENCE

DIAGNOSIS OF INTELLIGENCE	Number of Cases		Percentages	
	Current Year	All Years	Current Year	All Years
Superior	136	736	5.8	3.2
Normal	615	6.218	26.1	26.7
Undiagnosed	660	4,672	28.0	20.1
Dull Normal	310	3,509	13.2	15.1
Borderline	251	2,888	10.7	12.4
Moron	275	3,514	11.7	15.1
Imbecile	106	1,417	4.5	6.1
Idiot	2	304	0.1	1.3
TOTAL	2,355	23,258	100.0	100.0

TABLE No. 9

CLINIC CASES BY PSYCHIATRIC DIAGNOSIS

DIAGNOSIS PSYCHIATRIC	Number of Cases		Percentages	
	Current Year	All Years	Current Year	All Years
Neuroses	311	1,303	43.2	27.6
Schizophrenia	109	843	15.1	17.9
Epilepsy	84	662	11.7	14.0
Manic-Depressive	39	413	5.4	8.8
Paranoia	21	202	2.9	4.3
Post Encephalitis	9	87	1.2	1.8
Miscellaneous	147	1,205	20.4	25.6
TOTAL	720	4,715	100.0	100.0

TABLE No. 10

FREQUENCY OF CERTAIN TREATMENTS RECOMMENDED

TREATMENT RECOMMENDED	Current Year	All Years
Supervision by Social Agencies	1,130	3,976
Home Training Course	135	3,236
Tonsils and Adenoids	111	1,665
Dental Attention	102	1,655
Organized Recreation	100	1,651
Medication	215	1,882
Attention Family Physician	70	1,220
Consideration Auxiliary Class Board	35	1,014
Placement in Foster Home	131	1,368
Adjustment in Home	58	1,582
Diet	63	832
Teacher-pupil Adjustment	25	444
Speech Training	27	492
Special Literature	0	302

TABLE No. 11

FREQUENCY OF INSTITUTIONAL TREATMENT RECOMMENDED

INSTITUTION RECOMMENDED	Current Year	All Years
Ontario Hospital, Orillia	30	1,129
Other Ontario Hospitals	121	1,274
Bowmanville Boys' Training School	3	258
Other Corrective Institutions	12	239
Other Institutions	75	1,621
ALL CASES RECOMMENDED FOR INSTITUTIONALIZATION	241	4,521

SUPPLEMENTARY STATISTICAL TABLES ON THE TUBERCULOSIS UNIT, ONTARIO HOSPITAL, WOODSTOCK

TABLE A.

WOODSTOCK T. B. UNIT

Movement of Patient Population — Year Ending March 31, 1940

POPULATION	Male	Female	TOTAL
1. Total on Books at Beginning of Year	0	0	0
2. Patients Admitted during the year			
First admissions	2	3	5
Re-admissions	0	1	1
Transfers received	342	263	605
Total admissions	344	267	611
3. Total Under Care	344	267	611
4. Discharged From Books During Year			
Discharged	0	1	1
Died	15	9	24
Transferred	7	1	8
Total Discharged from Books	22	11	33
5. Patients on Books at End of Year			
In residence	321	254	575
On probation	1	2	3
Total on Books	322	256	578
6. Daily Average Population in Residence	260	201	461
7. Daily Average Population on Books	260	202	462

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TABLE No. B

PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

	DIAGNOSIS	TOTAL			AGE GROUP																				
					Under 10			10–14			15–19			20–24			25–29			30–34			35–39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01 With Syphilitic Meningo-Encephalitis	19	4	23							0	1	1							1	2	3	3	1	4
	02. With other forms of Syphilis	1	0	1																					
	03. With Epidemic Encephalitis	1	0	1																					
	04. With other Infectious Diseases																								
	05. Alcoholic Psychoses	1	0	1																					
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis	16	7	23																					
	09. With other Disturbances of Circulation	1	0	1																					
	10. With Convulsive Disorders (Epilepsy)	6	5	11																			2	2	4
	11. Senile Psychoses	2	2	4																					
	12. Involutional Psychoses	2	6	8																					
	13. Due to Metabolic, etc., Diseases																								
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System																								
	16. Psychoneuroses	3	0	3																			1	0	1
	17. Manic-Depressive Psychoses	14	17	31													0	1	1	1	1	2	0	4	4
	18. Dementia Praecox (Schizophrenia)	219	181	400										2	1	3	17	11	28	34	7	41	35	22	57
	19. Paranoia and Paranoid Conditions	0	3	3																					
	20. With Psychopathic Personality	0	1	1																					
	21. With Mental Deficiency	5	5	10										1	0	1	1	0	1	1	0	1	2	1	3
	22. Undiagnosed Psychoses																								
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	2	0	2										0	1	1							1	0	1
	231b. Epileptics who are Feebleminded	1	1	2																					
	232. Alcoholism																								
	233. Drug Addiction																								
	234. Mental Deficiency	26	22	48							3	3	6	3	1	4	6	5	11	3	1	4	0	5	5
	235. Disorders of Personality	1	0	1													1	0	1						
	236. Psychopathic Personality																								
	237. Other Non-Psychotic Conditions	1	0	1																1	0	1			
	24. Primary Behaviour Disorders	1	0	1																1*	0	1			
	TOTAL 1-22	290	231	521							0	1	1	3	1	4	18	12	30	37	10	47	43	30	73
	TOTAL 23-24	31	23	54							3	3	6	3	2	5	7	5	12	4	1	5	1	5	6
	GRAND TOTAL	321	254	575							3	4	7	6	3	9	25	17	42	41	11	52	44	35	79

* Without psychosis—post-encephalitis with paralysis.

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TABLE No. B—(Concluded)

PATIENTS IN RESIDENCE BY AGE AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40–44			45–49			50–54			55–59			60–64			65–69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	4	0	4				3	0	3	5	0	5	1	0	1	1	0	1	1	0	1			
	02. With other forms of Syphilis							1	0	1															
	03. With Epidemic Encephalitis				1	0	1																		
	04. With other Infectious Diseases																								
	05. Alcoholic Psychoses	1	0	1																					
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis							1	0	1	2	0	2	2	3	5	2	2	4	9	2	11			
	09. With other Disturbances of Circulation										1	0	1												
	10. With Convulsive Disorders (Epilepsy)	0	1	1	2	0	2				0	1	1	0	1	1	1	0	1	1	0	1			
	11. Senile Psychoses													1	0	1	0	1	1	1	1	2			
	12. Involutional Psychoses										0	2	2	2	2	4				0	2	2			
	13. Due to Metabolic, etc., Diseases																								
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System																								
	16. Psychoneuroses	2	0	2																					
	17. Manic-Depressive Psychoses	2	0	2	3	0	3	1	2	3	0	2	2	3	1	4	3	2	5	1	4	5			
	18. Dementia Praecox (Schizophrenia)	17	29	46	19	25	44	24	20	44	25	16	41	19	20	39	15	16	31	10	14	24	2	0	2
	19. Paranoia and Paranoid Conditions													0	1	1	0	1	1	0	1	1			
	20. With Psychopathic Personality				0	1	1																		
	21. With Mental Deficiency				0	1	1	0	1	1	0	1	1							0	1	1			
	22. Undiagnosed Psychoses																								
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded													1	0	1									
	231b. Epileptics who are Feebleminded				1	0	1																		
	232. Alcoholism																								
	233. Drug Addiction																								
	234. Mental Deficiency	4	3	7	2	1	3	1	0	1	1	0	1	1	2	3	0	1	1	2	0	2			
	235. Disorders of Personality																								
	236. Psychopathic Personality																								
	237. Other Non-Psychotic Conditions																								
	24. Primary Behaviour Disorders																								
	TOTAL 1–22	26	30	56	25	27	52	30	23	53	33	22	55	28	28	56	22	22	44	23	25	48	2	0	2
	TOTAL 23–24	4	3	7	3	1	4	1	0	1	1	0	1	2	2	4	0	1	1	2	0	2			
	GRAND TOTAL	30	33	63	28	28	56	31	23	54	34	22	56	30	30	60	22	23	45	25	25	50	2	0	2

ANNUAL REPORT ONTARIO HOSPITAL, WOODSTOCK, T.B. UNIT, FOR THE YEAR ENDING MARCH 31st, 1940

TABLE C

PATIENTS IN RESIDENCE BY PRESENT AGE AND TUBERCULOSIS STATUS

PRESENT AGE	TUBERCULOSIS STATUS																				
	Minimal			Mod. Adv.			Far Adv.			Quiescent or Arrested			Non-Pulmonary			Chest Observation Cases			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Under 10																					
10–14																					
15–19	0	2	2	1	1	2	1	1	2				1	0	1				3	4	7
20–24	0	1	1	2	2	4	2	0	2							1	0	1	5	3	8
25–29	6	4	10	9	8	17	6	1	7	2	2	4				3	2	5	26	17	43
30–34	7	5	12	12	2	14	8	0	8	6	0	6	1	0	1	7	4	11	41	11	52
35–39	9	9	18	17	15	32	2	2	4	7	3	10	0	1	1	9	5	14	44	35	79
40–44	3	4	7	9	5	14	5	1	6	6	14	20	0	1	1	7	8	15	30	33	63
45–49	2	3	5	11	6	17	3	1	4	4	15	19				8	3	11	28	28	56
50–54	4	5	9	5	2	7	4	0	4	12	11	23	0	2	2	6	3	9	31	23	54
55–59	4	3	7	12	7	19	6	3	9	3	5	8				9	4	13	34	22	56
60–64	5	3	8	7	5	12	4	6	10	4	9	13	1	0	1	9	7	16	30	30	60
65–69	4	4	8	7	4	11	0	2	2	4	9	13				7	4	11	22	23	45
70 and Over	1	3	4	8	6	14	2	1	3	3	8	11				11	7	18	25	25	50
Not Stated				2	0	2													2	0	2
TOTAL	45	46	91	102	63	165	43	18	61	51	76	127	3	4	7	77	47	124	321	254	575

ANNUAL REPORT ONTARIO HOSPITAL, WOODSTOCK, T.B. UNIT, FOR THE YEAR ENDING MARCH 31st, 1940

TABLE D

PATIENTS IN RESIDENCE BY TUBERCULOSIS STATUS AND DIAGNOSIS

		DIAGNOSIS	TUBERCULOSIS STATUS																				
			Chest Observation Cases			Minimal			Mod. Advanced			Far Advanced			Quiescent and Arrested			Non-Pulmonary			TOTAL		
			M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01.	With Syphilitic Meningo-Encephalitis	8	2	10	3	1	4	2	1	3	3	0	3	3	0	3				19	4	23
	02.	With other forms of Syphilis										1	0	1							1	0	1
	03.	With Epidemic Encephalitis													1	0	1				1	0	1
	04.	With other Infectious Diseases																					
	05.	Alcoholic Psychoses							1	0	1										1	0	1
	06a.	Due to Opium and Other Drugs																					
	06b.	Due to other Exogenous Toxins																					
	07.	Traumatic Psychoses																					
	08.	With Cerebral Arteriosclerosis	5	2	7	1	1	2	4	1	5	6	1	7	0	2	2				16	7	23
	09.	With other Disturbances of Circulation							1	0	1										1	0	1
	10.	With Convulsive Disorders (Epilepsy)	4	0	4	1	1	2	0	1	1	1	1	2	0	1	1	0	1	1	6	5	11
	11.	Senile Psychoses	0	1	1	1	1	2	1	0	1										2	2	4
	12.	Involutional Psychoses	0	1	1	1	0	1	0	2	2	0	2	2	0	1	1	1	0	1	2	6	8
	13.	Due to other Metabolic, etc., Diseases																					
	14.	Due to New Growth																					
	15.	With Organic Changes of Nervous System																					
	16.	Psychoneuroses							2	0	2	1	0	1							3	0	3
	17.	Manic-Depressive Psychoses	2	3	5	3	4	7	3	6	9	3	2	5	3	1	4	0	1	1	14	17	31
	18.	Dementia Praecox (Schizophrenia)	53	38	91	31	30	61	76	43	119	20	6	26	38	62	100	1	2	3	219	181	400
	19.	Paranoia and Paranoid Conditions				0	1	1							0	2	2				0	3	3
	20.	With Psychopathic Personality													0	1	1				0	1	1
	21.	With Mental Deficiency				1	1	2	1	2	3	1	0	1	2	2	4				5	5	10
	22.	Undiagnosed Psychoses																					
Without Psychosis	231a.	Epileptics not Psychotic or Feebleminded	1	0	1																2	0	2
	231b.	Epileptics who are Feebleminded	1	0	1	0	1	1	1	0	1										1	1	2
	232.	Alcoholism																					
	233.	Drug Addiction																					
	234.	Mental Deficiency	3	0	3	3	5	8				5	6	11				1	0	1	26	22	48
	235.	Disorders of Personality							10	7	17	1	0	1	4	4	8				1	0	1
	236.	Psychopathic Personality																					
	237.	Other Non-Psychotic Conditions										1*	0	1							1*	0	1
	24.	Primary Behaviour Disorders																					
		TOTAL 1–22	72	47	119	42	40	82	91	56	147	36	12	48	47	72	119	2	4	6	290	231	521
		TOTAL 23–24	5	0	5	3	6	9	11	7	18	7	6	13	4	4	8	1	0	1	31	23	54
		GRAND TOTAL	77	47	124	45	46	91	102	63	165	43	18	61	51	76	127	3	4	7	321	254	575

* Without psychosis—post-encephalitis with paralysis.

ANNUAL REPORT ONTARIO HOSPITAL, WOODSTOCK, T.B. UNIT FOR THE YEAR ENDING MARCH 31, 1940

TABLE E

TRANSFERS RECEIVED DURING YEAR BY DIAGNOSIS AND TUBERCULOSIS STATUS

	DIAGNOSIS	TUBERCULOSIS STATUS																		TOTAL		
		Chest Observation Cases			Minimal			Mod. Advanced			Far Advanced			Quiescent and Arrested			Non-Pulmonary					
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	8	2	10	3	1	4	2	1	3	4	0	4	3	0	3				20	4	24
	02. With other forms of Syphilis										1	0	1							1	0	1
	03. With Epidemic Encephalitis													1	0	1				1	0	1
	04. With other Infectious Diseases																					
	05. Alcoholic Psychoses							1	0	1										1	0	1
	06a. Due to Opium and Other Drugs																					
	06b. Due to other Exogenous Toxins																					
	07. Traumatic Psychoses																					
	08. With Cerebral Arteriosclerosis	5	2	7	1	1	2	4	1	5	7	1	8	0	2	2				17	7	24
	09. With other Disturbances of Circulation							1	0	1										1	0	1
	10. With Convulsive Disorders (Epilepsy)	4	0	4	1	1	2	0	1	1	1	1	2	0	1	1	1	1	2	7	5	12
	11. Senile Psychoses	0	1	1	1	1	2	1	0	1										2	2	4
	12. Involutional Psychoses	0	1	1	1	0	1	1	3	4	0	2	2	0	1	1	1	0	1	3	7	10
	13. Due to other Metabolic, etc., Diseases																					
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System																					
	16. Psychoneuroses							2	0	2	1	0	1							3	0	3
	17. Manic-Depressive Psychoses	2	3	5	3	5	8	3	7	10	3	3	6	3	1	4	0	1	1	14	20	34
	18. Dementia Praecox (Schizophrenia)	54	38	92	32	31	63	77	44	121	23	8	31	41	62	103	2	3	5	229	186	415
	19. Paranoia and Paranoid Conditions				0	1	1				1	0	1	0	2	2				1	3	4
	20. With Psychopathic Personality													0	1	1				0	1	1
	21. With Mental Deficiency				1	1	2	1	2	3	1	0	1	3	2	5				6	5	11
	22. Undiagnosed Psychoses																					
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	1	0	1				1	0	1	1	0	1							3	0	3
	231b. Epileptics who are Feebleminded	2	0	2	0	1	1													2	1	3
	232. Alcoholism																					
	233. Drug Addiction																					
	234. Mental Deficiency	3	0	3	3	5	8	10	7	17	5	6	11	6	4	10	1	0	1	28	22	50
	235. Disorders of Personality										1	0	1							1	0	1
	236. Psychopathic Personality																					
	237. Other Non-Psychotic Conditions										*2	0	2							*2	0	2
	24. Primary Behaviour Disorders																					
	TOTAL 1–22	73	47	120	43	42	85	93	59	152	42	15	57	51	72	123	4	5	9	306	240	546
	TOTAL 23–24	6	0	6	3	6	9	11	7	18	9	6	15	6	4	10	1	0	1	36	23	59
	GRAND TOTAL	79	47	126	46	48	94	104	66	170	51	21	72	57	76	133	5	5	10	342	263	605

* One post-encephalitis with paralysis.

ANNUAL REPORT ONTARIO HOSPITAL, WOODSTOCK, T.B. UNIT, FOR THE YEAR ENDING MARCH 31st, 1940

TABLE F

TRANSFERS RECEIVED DURING THE YEAR BY DIAGNOSIS AND HOSPITAL

DIAGNOSIS	TOTAL			TRANSFERRED FROM ONTARIO HOSPITAL AT																	
				Brockville			Cobourg			Fort William			Hamilton			Kingston			Langstaff			London		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M	F.	T.
WITH PSYCHOSIS																								
01. With Syphilitic Meningo-Encephalitis	20	4	24										4	1	5							4	0	4
02. With other forms of Syphilis	1	0	1																			1	0	1
03. With Epidemic Encephalitis	1	0	1																					
04. With other Infectious Diseases																								
05. Alcoholic Psychoses	1	0	1																			1	0	1
06a. Due to Opium and Other Drugs																								
06b. Due to other Exogenous Toxins																								
07. Traumatic Psychoses																								
08. With Cerebral Arteriosclerosis	17	7	24	6	0	6							2	2	4	3	0	3				1	0	1
09. With other Disturbances of Circulation	1	0	1													1	0	1						
10. With Convulsive Disorders (Epilepsy)	7	5	12	0	1	1							0	1	1							1	0	1
11. Senile Psychoses	2	2	4										0	1	1									
12. Involutional Psychoses	3	7	10																					
13. Due to other Metabolic, etc., Diseases																								
14. Due to New Growth																								
15. With Organic Changes of Nervous System																								
16. Psychoneuroses	3	0	3										1	0	1							1	0	1
17. Manic-Depressive Psychoses	14	20	34	2	1	3							1	2	3	1	1	2				0	3	3
18. Dementia Praecox (Schizophrenia)	229	186	415	20	22	42							38	18	56	18	4	22				17	18	35
19. Paranoia and Paranoid Conditions	1	3	4													0	1	1						
20. With Psychopathic Personality	0	1	1																					
21. With Mental Deficiency	6	5	11																					
22. Undiagnosed Psychoses																								
WITHOUT PSYCHOSIS																								
231a. Epileptics not Psychotic or Feebleminded	3	0	3																					
231b. Epileptics who are Feebleminded	2	1	3																					
232. Alcoholism																								
233. Drug Addiction																								
234. Mental Deficiency	28	22	50										3	0	3				2	0	2	2	0	2
235. Disorders of Personality	1	0	1																1	0	1			
236. Psychopathic Personality																								
237. Other Non-Psychotic Conditions	2*	0	2																					
24. Primary Behaviour Disorders																								
TOTAL 1–22	306	240	546	28	24	52							46	25	71	23	6	29				26	21	47
TOTAL 23–24	36	23	59										3	0	3				3	0	3	2	0	2
GRAND TOTAL	342	263	605	28	24	52							49	25	74	23	6	29	3	0	3	28	21	49

* One Post encephalitis with paralysis.

ANNUAL REPORT ONTARIO HOSPITAL, WOODSTOCK, T.B. UNIT, FOR THE YEAR ENDING MARCH 31st, 1940

TABLE F—(Concluded)

TRANSFERS RECEIVED DURING THE YEAR BY DIAGNOSIS AND HOSPITAL

	DIAGNOSIS	TRANSFERRED FROM ONTARIO HOSPITAL AT																				
		New Toronto			Orillia			Penetang			St. Thomas			Toronto			Whitby			Woodstock		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis	7	2	9										3	1	4	2	0	2			
	02. With other forms of Syphilis																					
	03. With Epidemic Encephalitis	1	0	1																		
	04. With other Infectious Diseases																					
	05. Alcoholic Psychoses																					
	06a. Due to Opium and Other Drugs																					
	06b. Due to other Exogenous Toxins																					
	07. Traumatic Psychoses																					
	08. With Cerebral Arteriosclerosis	3	4	7										2	1	3						
	09. With other Disturbances of Circulation																					
	·10. With Convulsive Disorders (Epilepsy)	0	2	2																6	1	7
	11. Senile Psychoses	1	1	2										1	0	1						
	12. Involutional Psychoses	2	6	8										1	0	1	0	1	1			
	13. Due to other Metabolic, etc., Diseases																					
	14. Due to New Growth																					
	15. With Organic Changes of Nervous System																					
	16. Psychoneuroses	1	0	1																		
	17. Manic-Depressive Psychoses	7	13	20										2	0	2	1	0	1			
	18. Dementia Praecox (Schizophrenia)	104	103	207				6	4	10	0	1	1	15	11	26	11	5	16			
	19. Paranoia and Paranoid Conditions	1	2	3																		
	20. With Psychopathic Personality	0	1	1																		
	21. With Mental Deficiency	6	5	11																		
	22. Undiagnosed Psychoses																					
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded	1	0	1																2	0	2
	231b. Epileptics who are Feebleminded				0	1	1													2	0	2
	232. Alcoholism																					
	233. Drug Addiction																					
	234. Mental Deficiency	12	16	28	4	3	7	3	3	6				2	0	2						
	235. Disorders of Personality																					
	236. Psychopathic Personality																					
	237. Other Non-Psychotic Conditions							1*	0	1				1	0	1						
	24. Primary Behaviour Disorders																					
	Total 1–22	133	139	272				6	4	10	0	1	1	24	13	37	14	6	20	6	1	7
	Total 23–24	13	16	29	4	4	8	4	3	7				3	0	3				4	0	4
	GRAND TOTAL	146	155	301	4	4	8	10	7	17	0	1	1	27	13	40	14	6	20	10	1	11

* Post encephalitis with paralysis.

ANNUAL REPORT ONTARIO HOSPITAL, WOODSTOCK, T.B. UNIT, FOR THE YEAR ENDING MARCH 31st, 1940

TABLE No. G

DEATHS BY AGE, SEX AND DIAGNOSIS

	DIAGNOSIS	TOTAL			AGE GROUP																				
					Under 10			10–14			15–19			20–24			25–29			30–34			35–39		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
WITH PSYCHOSIS	01. With Syphilitic Meningo-Encephalitis	1	0	1																					
	02. With other forms of Syphilis																								
	03. With Epidemic Encephalitis																								
	04. With other Infectious Diseases	1	0	1																					
	05. Alcoholic Psychoses																								
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis	1	1	2																					
	09. With other Disturbances of Circulation																								
	10. With Convulsive Disorders (Epilepsy)	1	0	1																					
	11. Senile Psychoses																								
	12. Involutional Psychoses	1	1	2																					
	13. Due to other Metabolic, etc., Diseases																								
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System																								
	16. Psychoneuroses																								
	17. Manic-Depressive Psychoses	0	1	1																			0	1	1
	18. Dementia Praecox (Schizophrenia)	8	6	14										0	1	1	0	1	1	1	0	1	1	0	1
	19. Paranoia and Paranoid Conditions	1	0	1																					
	20. With Psychopathic Personality																								
	21. With Mental Deficiency																								
	22. Undiagnosed Psychoses																								
WITHOUT PSYCHOSIS	231a. Epileptics not Psychotic or Feebleminded	1	0	1																					
	231b. Epileptics who are Feebleminded																								
	232. Alcoholism																								
	233. Drug Addiction																								
	234. Mental Deficiency																								
	235. Disorders of Personality																								
	236. Psychopathic Personality																								
	24. Primary Behaviour Disorders																								
	TOTAL 1–22	14	9	23										0	1	1	0	1	1	1	0	1	1	1	2
	TOTAL 23–24	1	0	1																					
	GRAND TOTAL	15	9	24										0	1	1	0	1	1	1	0	1	1	1	2

ANNUAL REPORT ONTARIO HOSPITAL, WOODSTOCK, T.B. UNIT, FOR THE YEAR ENDING MARCH 31st, 1940

TABLE No. G—(Concluded)

DEATHS BY AGE, SEX AND DIAGNOSIS

	DIAGNOSIS	AGE GROUP																							
		40–44			45–49			50–54			55–59			60–64			65–69			70 and Over			Unascertained		
		M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With Psychosis	01. With Syphilitic Meningo-Encephalitis																			1	0	1			
	02. With other forms of Syphilis																								
	03. With Epidemic Encephalitis																								
	04. With other Infectious Diseases										1	0	1												
	05. Alcoholic Psychoses																								
	06a. Due to Opium and Other Drugs																								
	06b. Due to other Exogenous Toxins																								
	07. Traumatic Psychoses																								
	08. With Cerebral Arteriosclerosis																0	1	1	1	0	1			
	09. With other Disturbances of Circulation																								
	10. With Convulsive Disorders (Epilepsy)																1	0	1						
	11. Senile Psychoses																								
	12. Involutional Psychoses							0	1	1	1	0	1												
	13. Due to other Metabolic, etc., Diseases																								
	14. Due to New Growth																								
	15. With Organic Changes of Nervous System																								
	16. Psychoneuroses																								
	17. Manic-Depressive Psychoses																								
	18. Dementia Praecox (Schizophrenia)	1	1	2	1	0	1				1	0	1	2	1	3	1	1	2	0	1	1			
	19. Paranoia and Paranoid Conditions							1	0	1															
	20. With Psychopathic Personality																								
	21. With Mental Deficiency																								
	22. Undiagnosed Psychoses																								
Without Psychosis	231a. Epileptics not Psychotic or Feebleminded																			1	0	1			
	231b. Epileptics who are Feebleminded																								
	232. Alcoholism																								
	233. Drug Addiction																								
	234. Mental Deficiency																								
	235. Disorders of Personality																								
	236. Psychopathic Personality																								
	24. Primary Behaviour Disorders																								
	TOTAL 1–22	1	1	2	1	0	1	1	1	2	3	0	3	2	1	3	2	2	4	2	1	3			
	TOTAL 23–24																			1	0	1			
	GRAND TOTAL	1	1	2	1	0	1	1	1	2	3	0	3	2	1	3	2	2	4	3	1	4			

TABLE H.
CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	General Paresis			With Cerebral Arterio-sclerosis			With Convulsive Disorders (Epil.)			Involutional			Manic-Depressive		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Tuberculosis of Respiratory System	1	0	1	1	0	1	–	–	–	1	1	2	0	1	1
Cancer and Other Malignant Tumors	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Diseases of the Myocardium	–	–	–	1	0	1	1	0	1	–	–	–	–	–	–
Diseases of the Coronory Arteries and Angina Pectoris	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
TOTAL	1	0	1	1	1	2	1	0	1	1	1	2	0	1	1

TABLE H (Concluded)
CAUSE OF DEATH BY DIAGNOSIS

CAUSE OF DEATH	Dementia Praecox (Schizophrenia)			Paranoia and Paranoid Conditions			All Others			Without Psychosis and Primary Behaviour Disorders			TOTAL		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	Male	Female	Total
Tuberculosis of Respiratory System	5	5	10	1	0	1	1	0	1	1	0	1	11	7	18
Cancer and Other Malignant Tumors	1	0	1	–	–	–	–	–	–	–	–	–	1	0	1
Diseases of the Myocardium	–	–	–	–	–	–	–	–	–	–	–	–	1	1	2
Diseases of the Coronory Arteries and Angina Pectoris	2	1	3	–	–	–	–	–	–	–	–	–	2	1	3
TOTAL	8	6	14	1	0	1	1	0	1	1	0	1	15	9	24

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